

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142529.D
 Acq On : 23 May 2025 12:10
 Operator : RC/JU
 Sample : PB168126BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168126BS

Quant Time: May 23 12:33:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	113674	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	445507	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	254111	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	449715	20.000	ng	0.00
76) Chrysene-d12	14.075	240	246622	20.000	ng	0.00
86) Perylene-d12	15.563	264	234935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	807956	119.747	ng	0.00
7) Phenol-d6	6.528	99	994584	122.455	ng	0.00
23) Nitrobenzene-d5	7.463	82	606849	74.277	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	349569	123.947	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1324753	69.955	ng	-0.01
79) Terphenyl-d14	13.016	244	1342706	74.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	98572	36.509	ng	98
3) Pyridine	3.516	79	276280	40.183	ng	100
4) n-Nitrosodimethylamine	3.475	42	157783	44.198	ng	97
6) Aniline	6.563	93	351274	32.166	ng	99
8) 2-Chlorophenol	6.681	128	325414	44.279	ng	98
9) Benzaldehyde	6.446	77	187401	38.362	ng	97
10) Phenol	6.540	94	397040	43.445	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	290734	44.194	ng	99
12) 1,3-Dichlorobenzene	6.840	146	345180	42.092	ng	99
13) 1,4-Dichlorobenzene	6.916	146	347061	42.014	ng	99
14) 1,2-Dichlorobenzene	7.069	146	335938	42.501	ng	99
15) Benzyl Alcohol	7.040	79	268466	44.728	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	477728	43.242	ng	99
17) 2-Methylphenol	7.146	107	257655	44.905	ng	100
18) Hexachloroethane	7.410	117	121175	42.010	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	215732	42.858	ng	99
20) 3+4-Methylphenols	7.298	107	324110	44.110	ng	91
22) Acetophenone	7.304	105	422592	42.850	ng	95
24) Nitrobenzene	7.481	77	318115	43.171	ng	99
25) Isophorone	7.722	82	594145	43.496	ng	99
26) 2-Nitrophenol	7.798	139	175363	44.538	ng	97
27) 2,4-Dimethylphenol	7.834	122	310773	44.757	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	365524	42.836	ng	100
29) 2,4-Dichlorophenol	8.040	162	285033	45.139	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	291232	42.496	ng	98
31) Naphthalene	8.204	128	935463	42.644	ng	100
32) Benzoic acid	7.951	122	207650	49.128	ng	99
33) 4-Chloroaniline	8.251	127	118056	13.281	ng	97
34) Hexachlorobutadiene	8.322	225	178500	41.715	ng	100
35) Caprolactam	8.622	113	47289	26.664	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	294851	45.562	ng	97
37) 2-Methylnaphthalene	8.893	142	592585	42.939	ng	99
38) 1-Methylnaphthalene	8.992	142	613178	42.954	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	296126	40.596	ng	99
41) Hexachlorocyclopentadiene	9.051	237	414238	84.182	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	213449	43.395	ng	98

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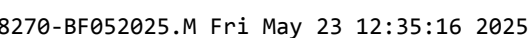
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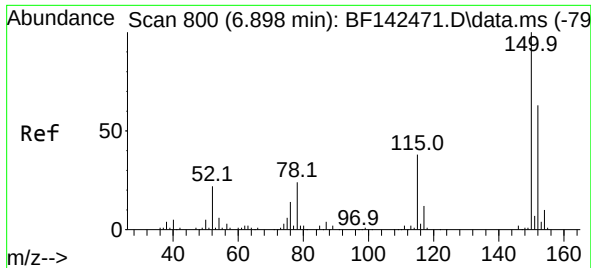
Quant Time: May 23 12:33:44 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	225202	43.412	ng	100
46) 1,1'-Biphenyl	9.363	154	813284	41.253	ng	100
47) 2-Chloronaphthalene	9.387	162	605089	41.542	ng	99
48) 2-Nitroaniline	9.481	65	186547	44.309	ng	98
49) Acenaphthylene	9.804	152	1027896	41.792	ng	100
50) Dimethylphthalate	9.663	163	739280	44.091	ng	99
51) 2,6-Dinitrotoluene	9.722	165	162823	44.993	ng	99
52) Acenaphthene	9.975	154	699992	46.609	ng	100
53) 3-Nitroaniline	9.892	138	95066	24.051	ng	97
54) 2,4-Dinitrophenol	9.998	184	201816	107.944	ng	92
55) Dibenzofuran	10.145	168	913241	42.256	ng	99
56) 4-Nitrophenol	10.051	139	288345	98.868	ng	98
57) 2,4-Dinitrotoluene	10.128	165	226154	47.852	ng	98
58) Fluorene	10.492	166	706574	42.319	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	197220	45.540	ng	99
60) Diethylphthalate	10.363	149	728922	44.513	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	344381	41.988	ng	99
62) 4-Nitroaniline	10.510	138	174767	48.752	ng	98
63) Azobenzene	10.639	77	642956	43.714	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	122904	48.971	ng	97
66) n-Nitrosodiphenylamine	10.598	169	632663	41.120	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	219727	41.321	ng	97
68) Hexachlorobenzene	11.039	284	246901	41.980	ng	98
69) Atrazine	11.128	200	197434	48.319	ng	100
70) Pentachlorophenol	11.234	266	298833	89.996	ng	99
71) Phenanthrene	11.457	178	1013925	42.188	ng	100
72) Anthracene	11.504	178	1035513	42.217	ng	100
73) Carbazole	11.657	167	945018	45.067	ng	99
74) Di-n-butylphthalate	11.986	149	1089295	47.458	ng	99
75) Fluoranthene	12.645	202	1023203	45.563	ng	100
77) Benzidine	12.763	184	396998	43.258	ng	100
78) Pyrene	12.875	202	1016690	44.192	ng	100
80) Butylbenzylphthalate	13.486	149	332970	52.378	ng	100
81) Benzo(a)anthracene	14.063	228	746333	45.319	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	103235	20.668	ng	99
83) Chrysene	14.098	228	649255	43.875	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	393421	48.344	ng	99
85) Di-n-octyl phthalate	14.663	149	634752	39.891	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	759914	43.085	ng	99
88) Benzo(b)fluoranthene	15.121	252	645631	46.433	ng	98
89) Benzo(k)fluoranthene	15.157	252	584292	44.866	ng	99
90) Benzo(a)pyrene	15.504	252	598750	45.684	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	616642	43.107	ng	100
92) Benzo(g,h,i)perylene	17.539	276	618556	43.232	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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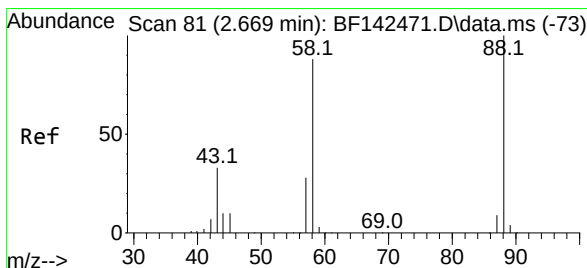
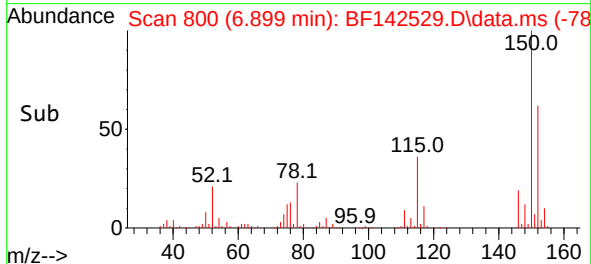
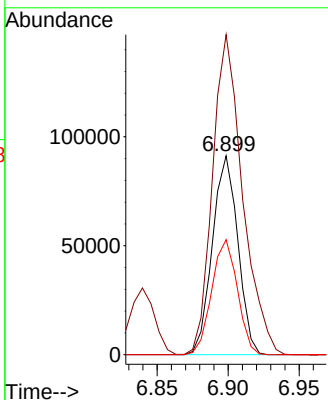
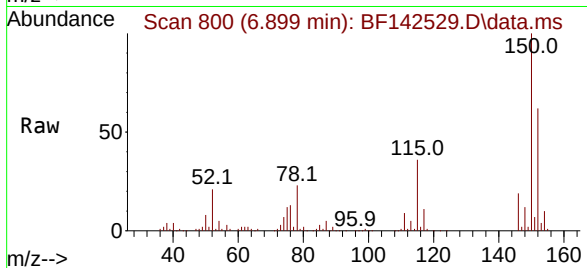




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.899 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

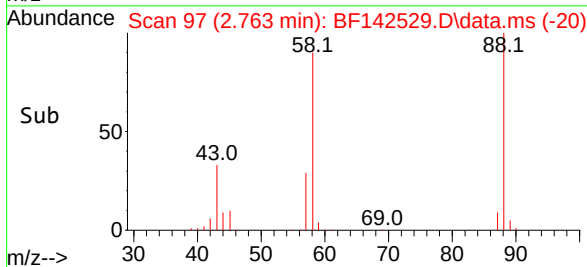
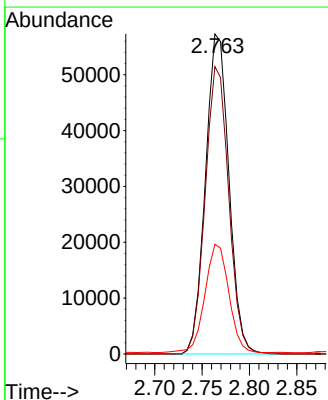
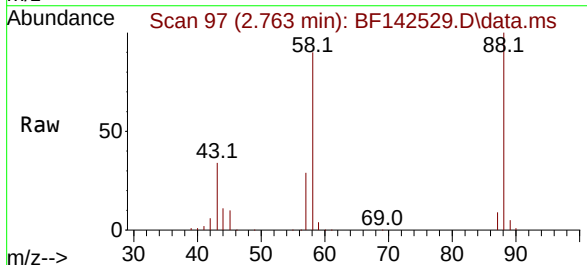
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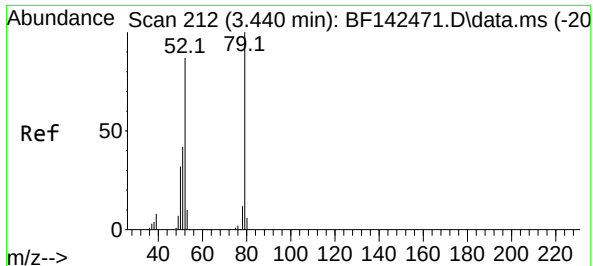
Tgt Ion:152 Resp: 113674
 Ion Ratio Lower Upper
 152 100
 150 160.9 128.2 192.4
 115 57.8 48.3 72.5



#2
 1,4-Dioxane
 Concen: 36.509 ng
 RT: 2.763 min Scan# 97
 Delta R.T. 0.100 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

Tgt Ion: 88 Resp: 98572
 Ion Ratio Lower Upper
 88 100
 58 90.2 70.8 106.2
 43 34.4 26.6 40.0

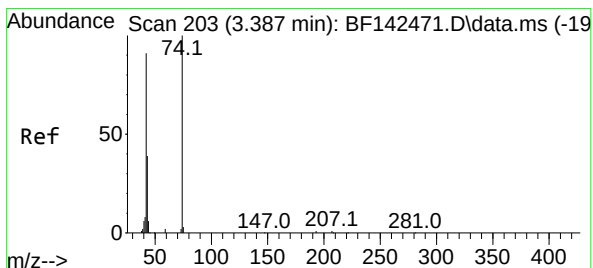
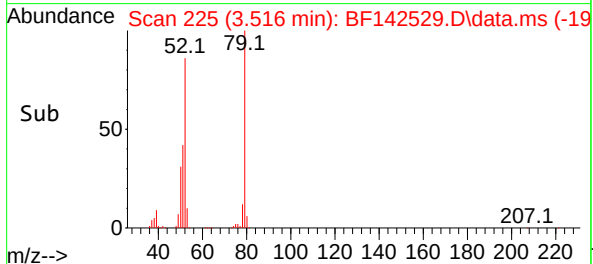
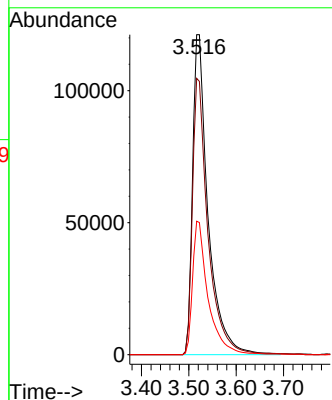
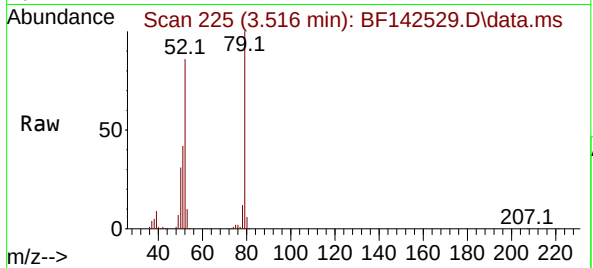




#3
Pyridine
Concen: 40.183 ng
RT: 3.516 min Scan# 212
Delta R.T. 0.077 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

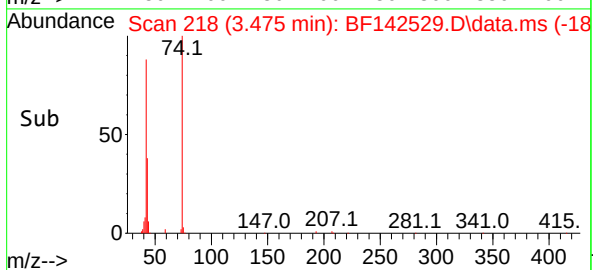
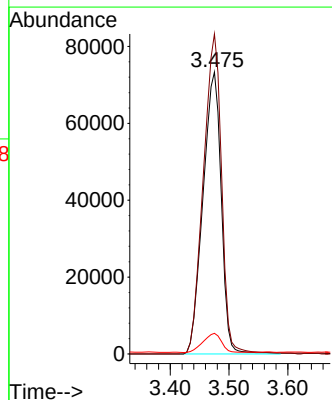
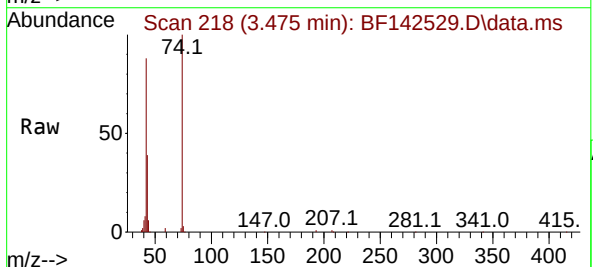
Instrument :
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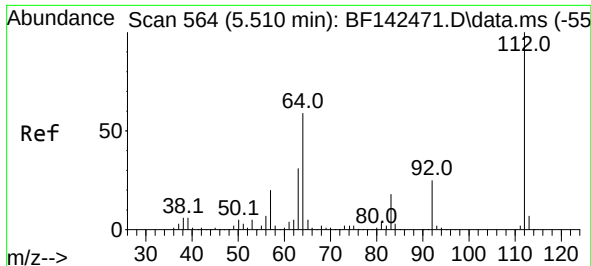
Tgt Ion: 79 Resp: 276280
Ion Ratio Lower Upper
79 100
52 86.4 69.2 103.8
51 41.7 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 44.198 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.071 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion: 42 Resp: 157783
Ion Ratio Lower Upper
42 100
74 113.5 88.2 132.4
44 7.3 5.4 8.2

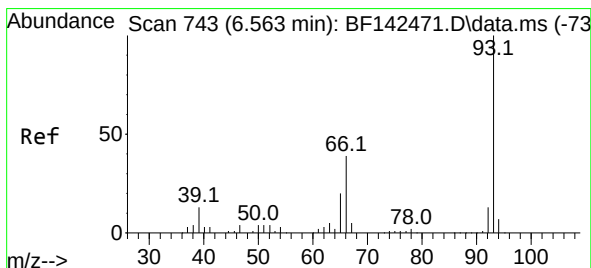
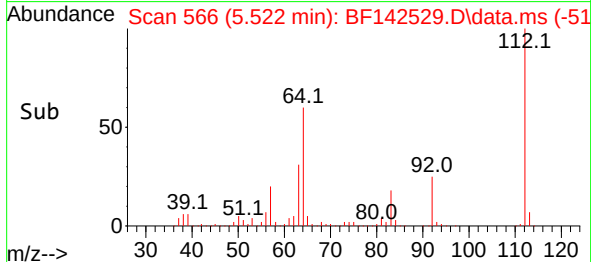
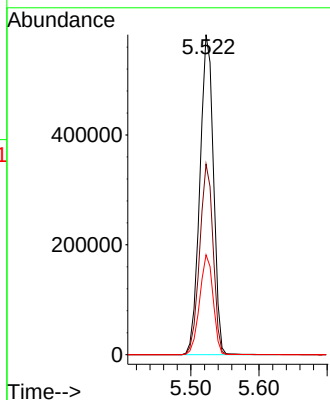
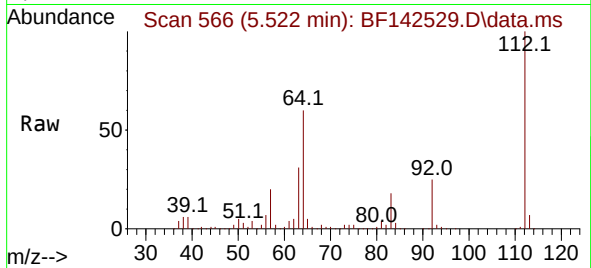




#5
2-Fluorophenol
Concen: 119.747 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

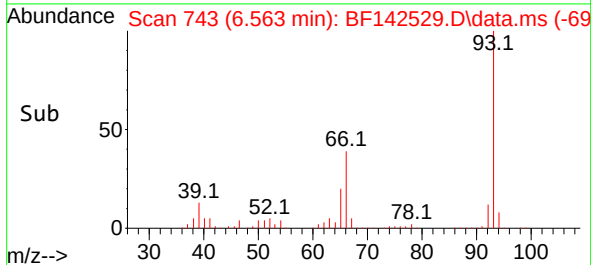
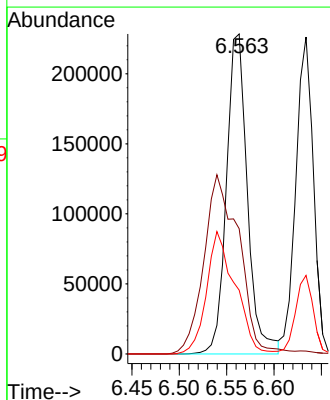
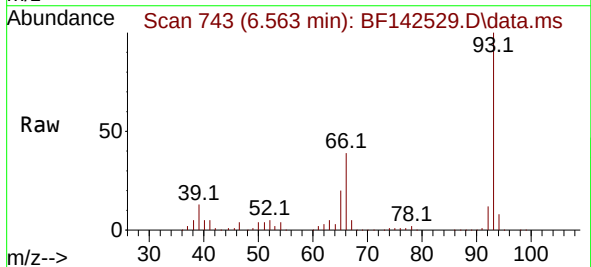
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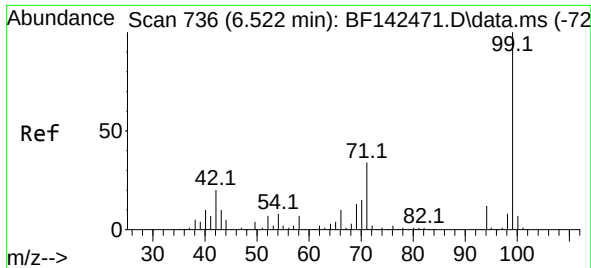
Tgt Ion:112 Resp: 807956
Ion Ratio Lower Upper
112 100
64 59.6 47.5 71.3
63 31.2 24.9 37.3



#6
Aniline
Concen: 32.166 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion: 93 Resp: 351274
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.0 16.1 24.1





#7

Phenol-d6

Concen: 122.455 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

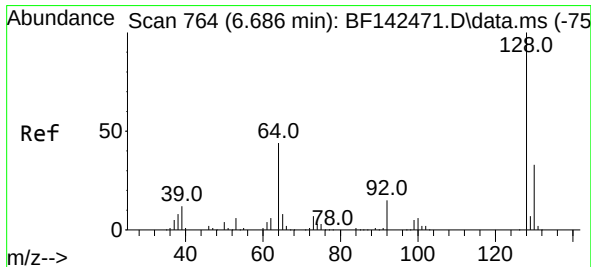
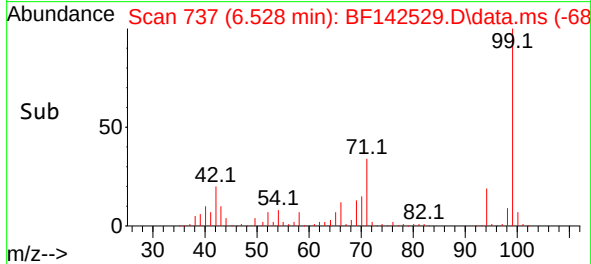
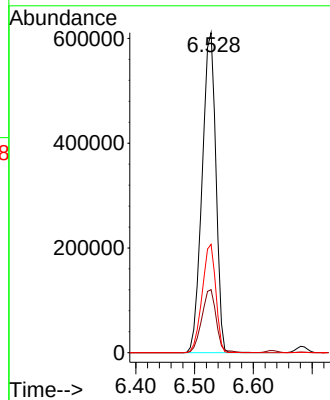
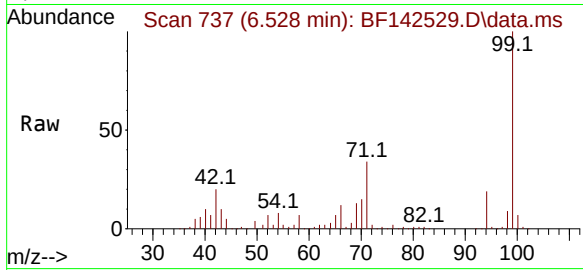
BNA_F

ClientSampleId :

PB168126BS

Tgt Ion: 99 Resp: 994584

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.2
71	33.9	27.3	40.9



#8

2-Chlorophenol

Concen: 44.279 ng

RT: 6.681 min Scan# 763

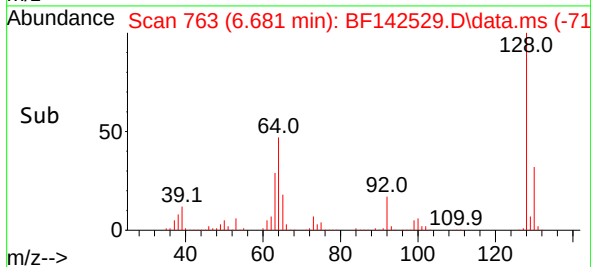
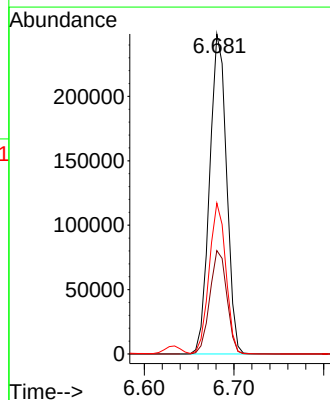
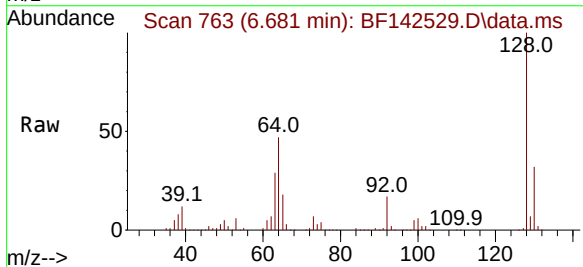
Delta R.T. -0.006 min

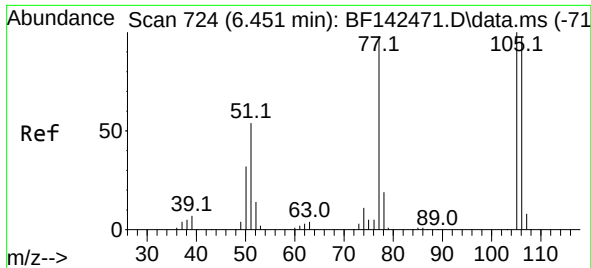
Lab File: BF142529.D

Acq: 23 May 2025 12:10

Tgt Ion:128 Resp: 325414

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	47.2	25.1	65.1





#9

Benzaldehyde

Concen: 38.362 ng

RT: 6.446 min Scan# 71

Delta R.T. -0.006 min

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Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

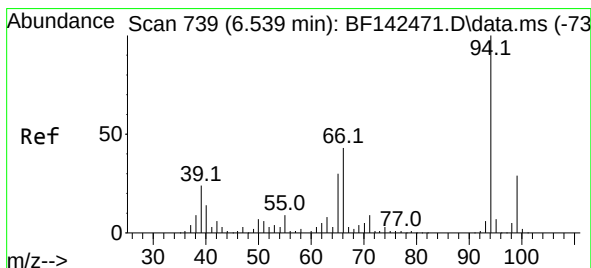
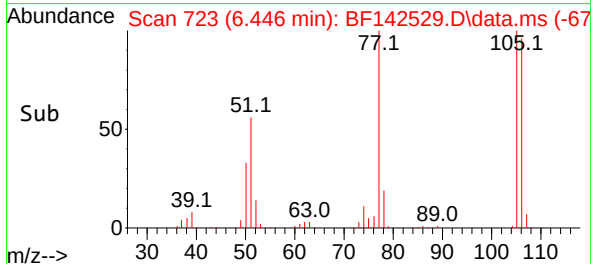
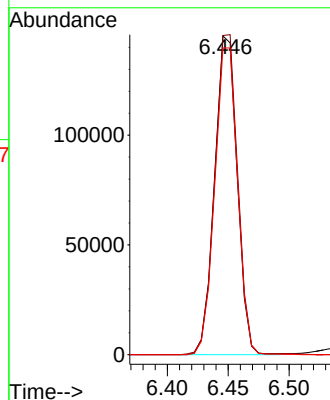
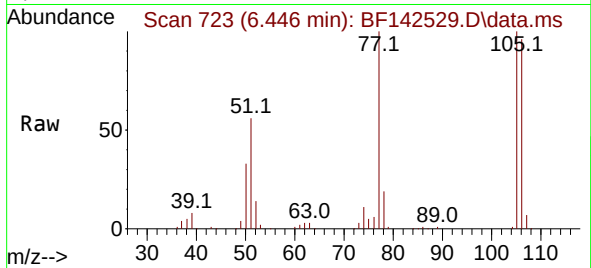
Tgt Ion: 77 Resp: 187401

Ion Ratio Lower Upper

77 100

105 100.1 82.5 122.5

106 96.3 80.0 120.0



#10

Phenol

Concen: 43.445 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.011 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

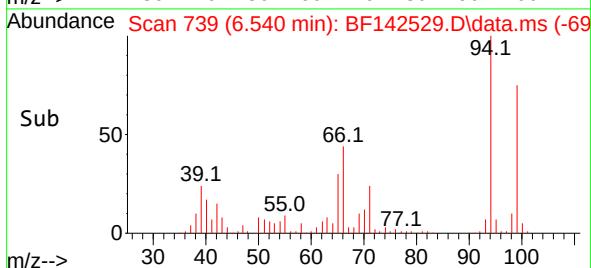
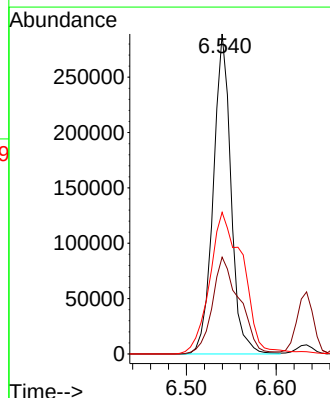
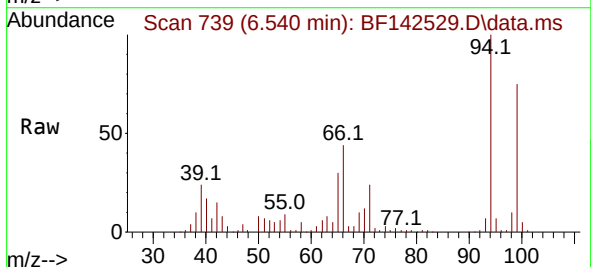
Tgt Ion: 94 Resp: 397040

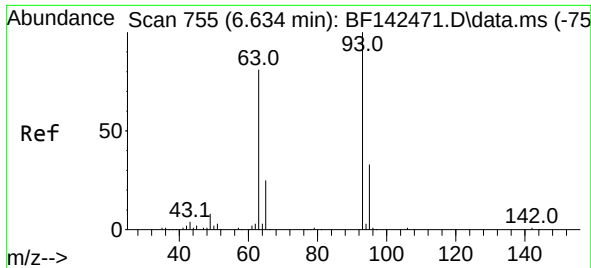
Ion Ratio Lower Upper

94 100

65 30.2 10.3 50.3

66 44.3 22.6 62.6

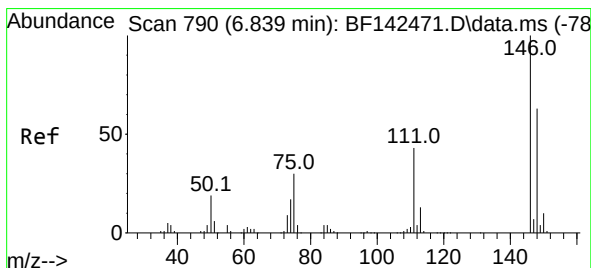
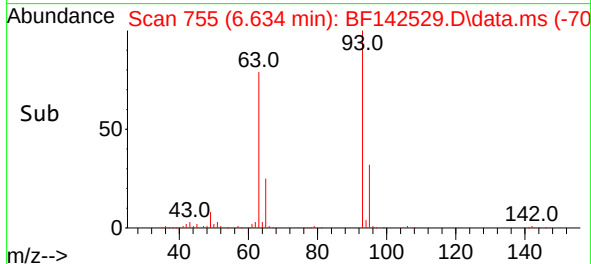
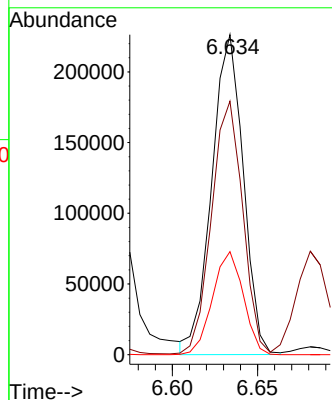
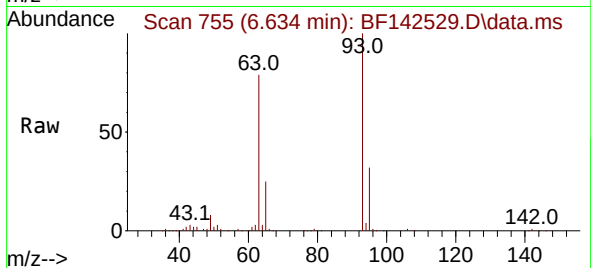




#11
bis(2-Chloroethyl)ether
Concen: 44.194 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

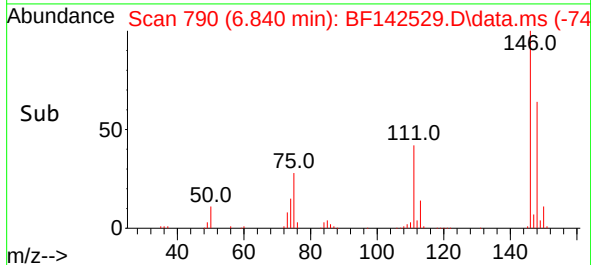
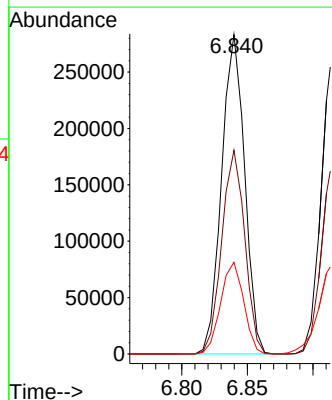
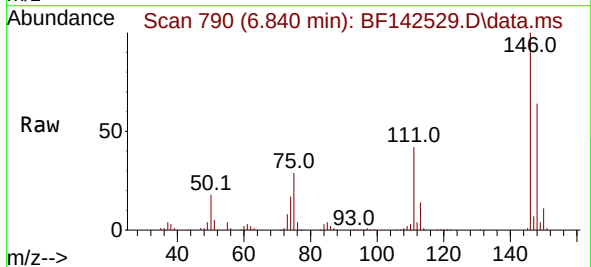
Instrument :
BNA_F
ClientSampleId :
PB168126BS

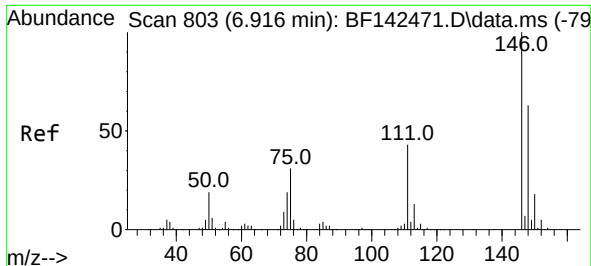
Tgt Ion: 93 Resp: 290734
Ion Ratio Lower Upper
93 100
63 79.2 60.2 100.2
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.092 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:146 Resp: 345180
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 28.7 23.8 35.6

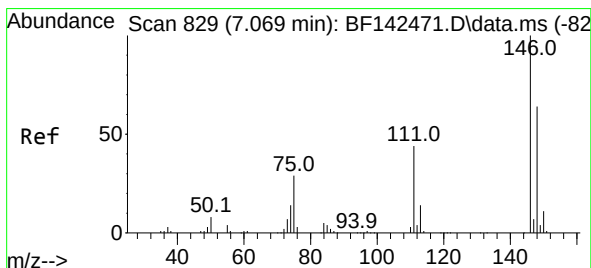
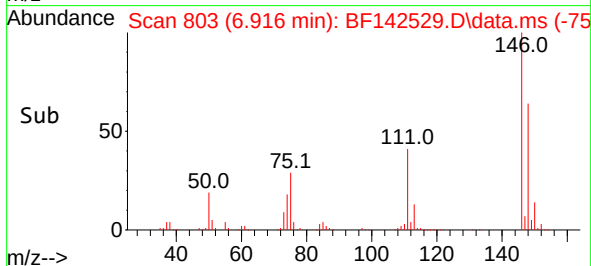
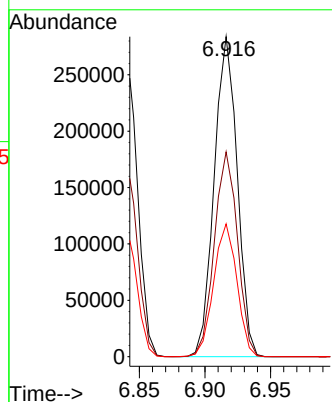
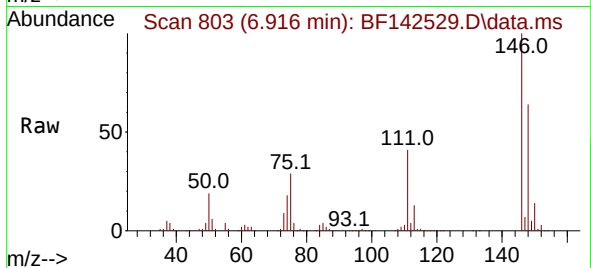




#13
1,4-Dichlorobenzene
Concen: 42.014 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

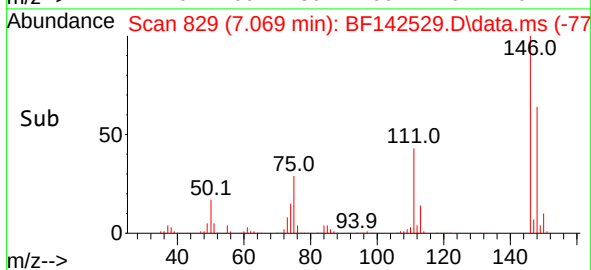
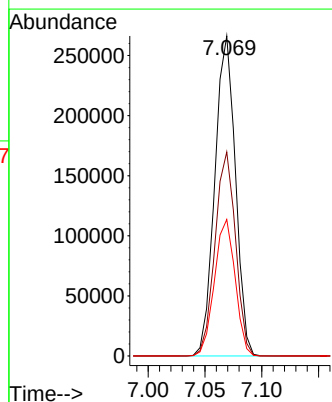
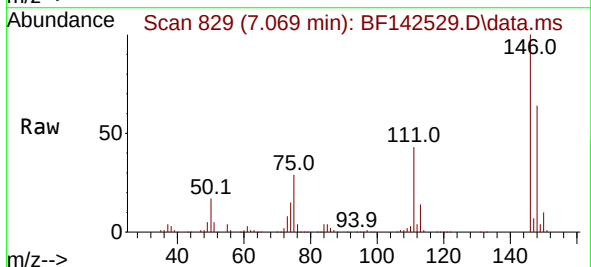
Instrument :
BNA_F
ClientSampleId :
PB168126BS

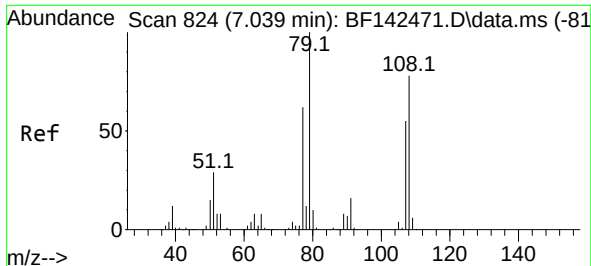
Tgt Ion:146 Resp: 347061
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 41.5 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 42.501 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:146 Resp: 335938
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 42.7 35.0 52.6

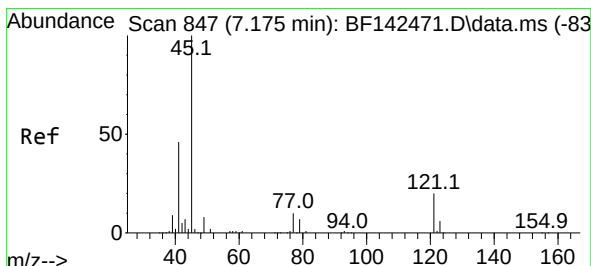
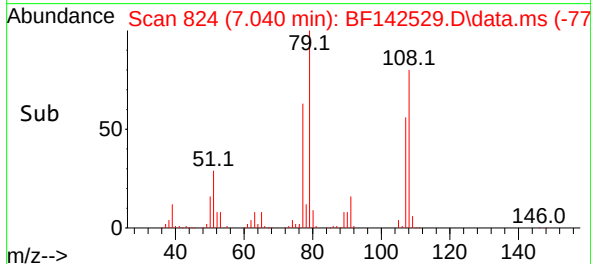
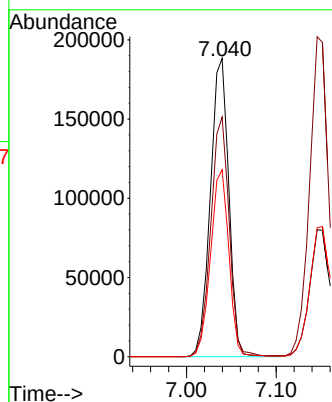
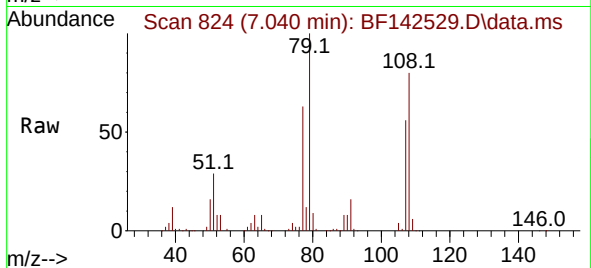




#15
Benzyl Alcohol
Concen: 44.728 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

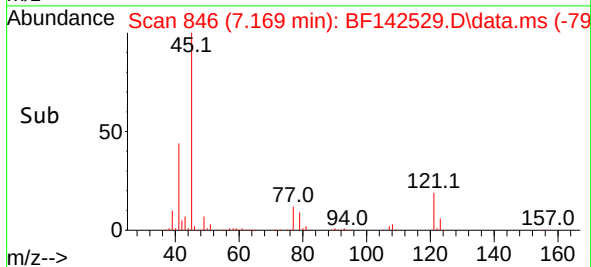
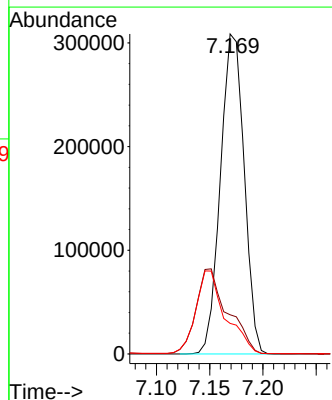
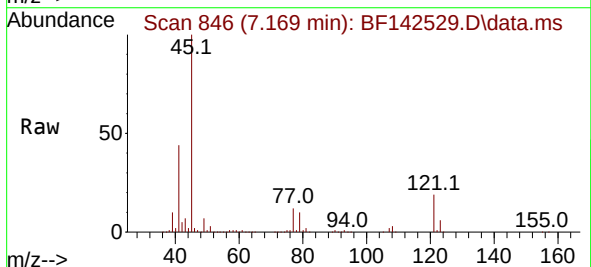
Instrument :
BNA_F
ClientSampleId :
PB168126BS

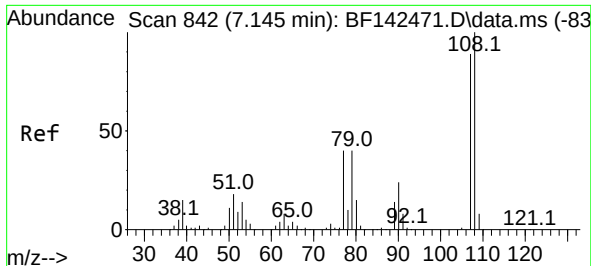
Tgt Ion: 79 Resp: 268466
Ion Ratio Lower Upper
79 100
108 80.3 62.1 93.1
77 62.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.242 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.011 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion: 45 Resp: 477728
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.6 0.0 29.2

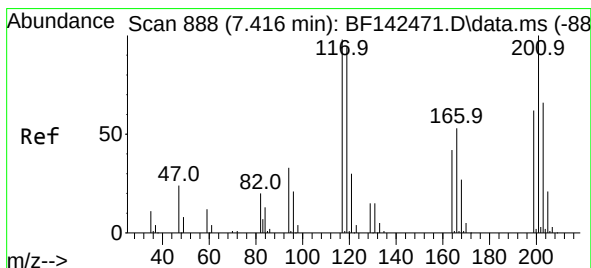
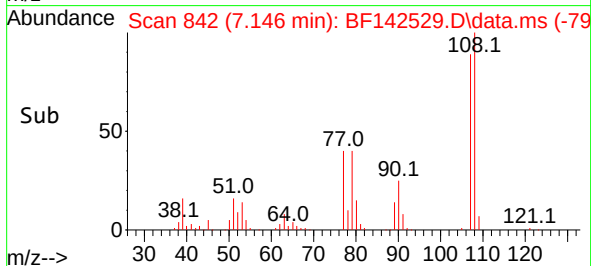
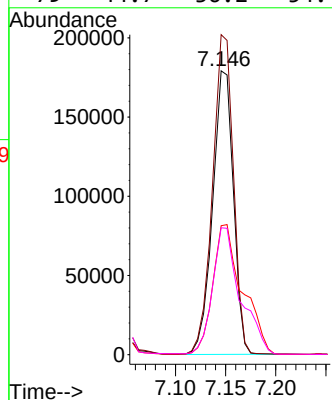
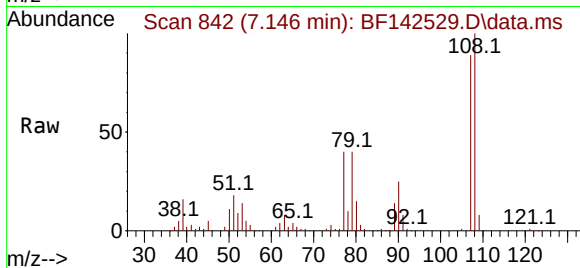




#17
2-Methylphenol
Concen: 44.905 ng
RT: 7.146 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

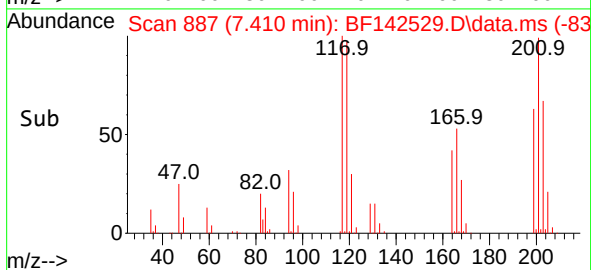
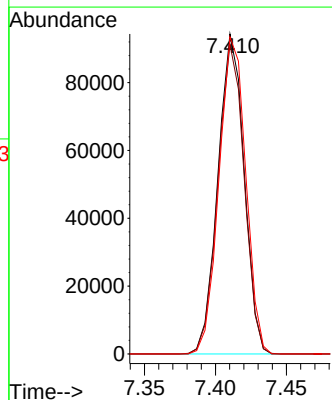
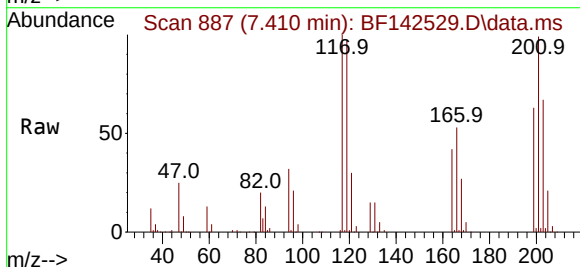
Instrument :
BNA_F
ClientSampleId :
PB168126BS

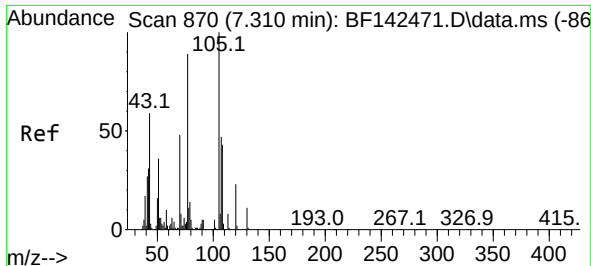
Tgt Ion:107 Resp: 257655
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.2
77 45.5 36.1 54.1
79 44.7 36.2 54.4



#18
Hexachloroethane
Concen: 42.010 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:117 Resp: 121175
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8
201 99.1 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.858 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF142529.D

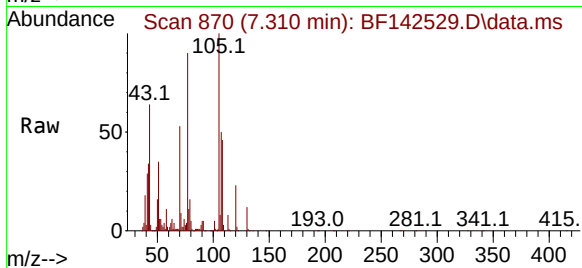
Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS



Tgt Ion: 70 Resp: 215732

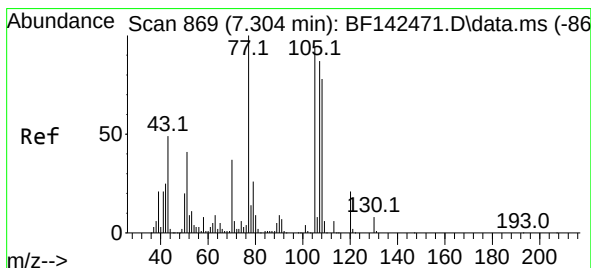
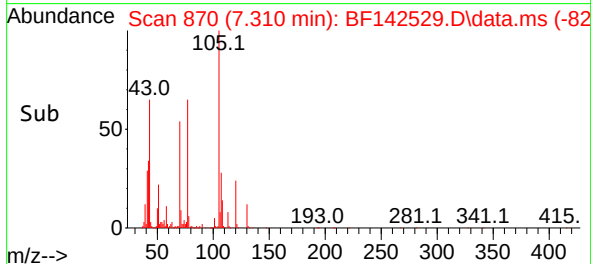
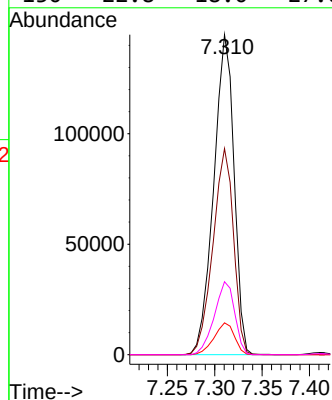
Ion Ratio Lower Upper

70 100

42 64.4 52.4 78.6

101 10.0 7.8 11.8

130 22.8 18.0 27.0



#20

3+4-Methylphenols

Concen: 44.110 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Tgt Ion: 107 Resp: 324110

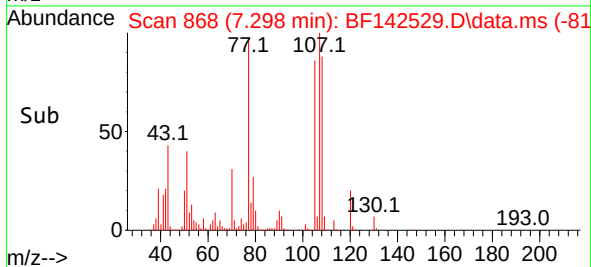
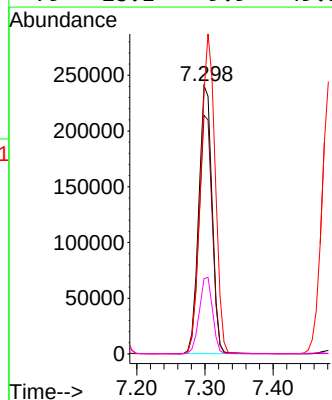
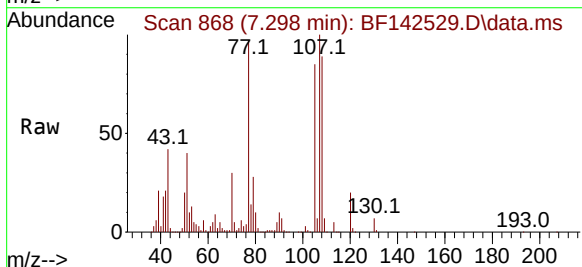
Ion Ratio Lower Upper

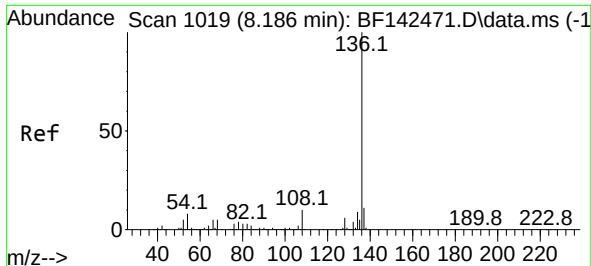
107 100

108 88.9 70.4 110.4

77 97.4 95.4 135.4

79 28.1 9.9 49.9

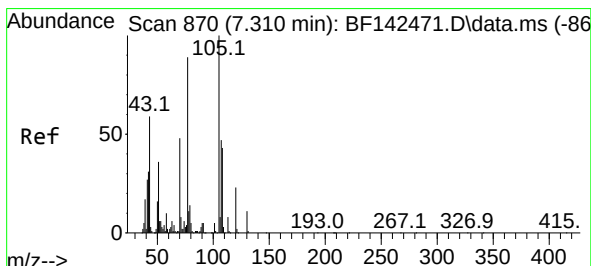
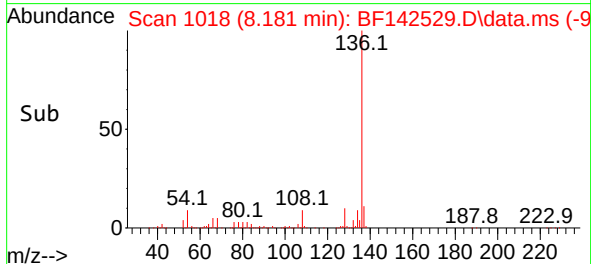
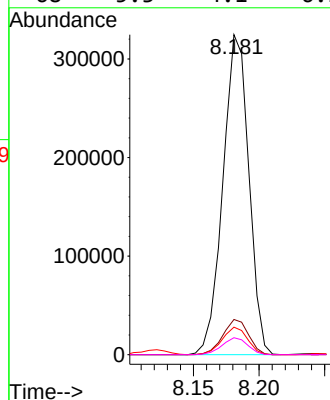
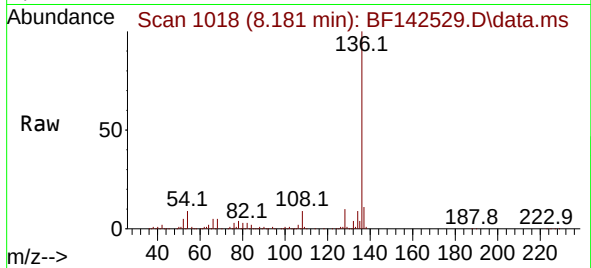




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

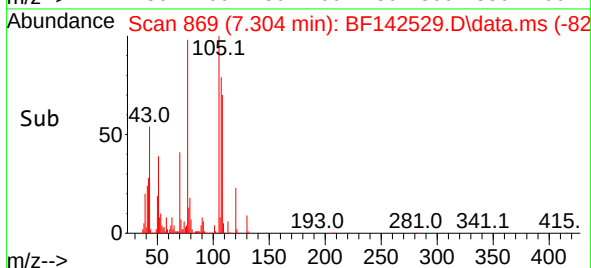
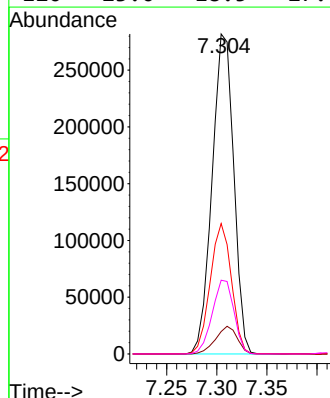
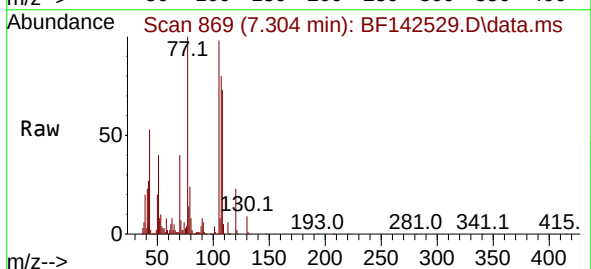
Instrument :
BNA_F
ClientSampleId :
PB168126BS

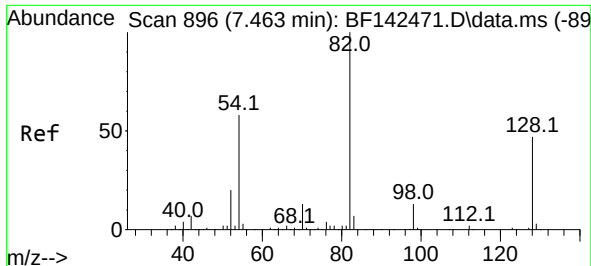
Tgt Ion:136 Resp: 445507
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 42.850 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.011 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:105 Resp: 422592
Ion Ratio Lower Upper
105 100
71 7.0 6.4 9.6
51 40.8 28.6 42.8
120 23.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 74.277 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.011 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

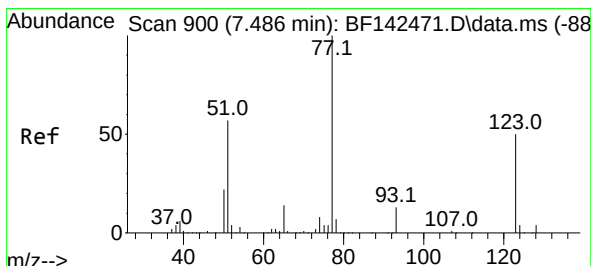
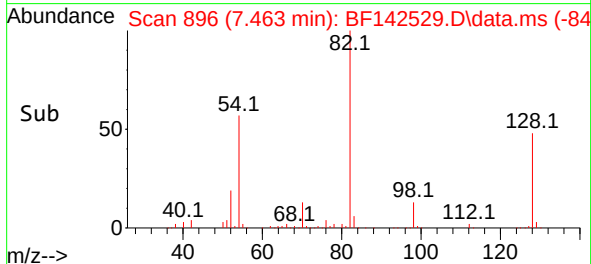
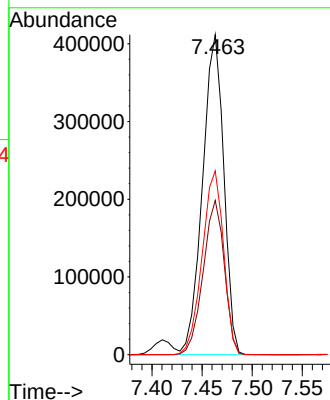
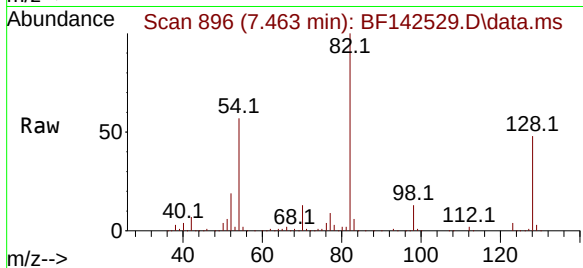
BNA_F

ClientSampleId :

PB168126BS

Tgt Ion: 82 Resp: 606849

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.4	56.2
54	57.5	46.6	70.0



#24

Nitrobenzene

Concen: 43.171 ng

RT: 7.481 min Scan# 899

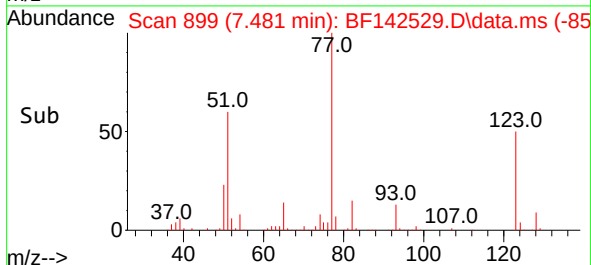
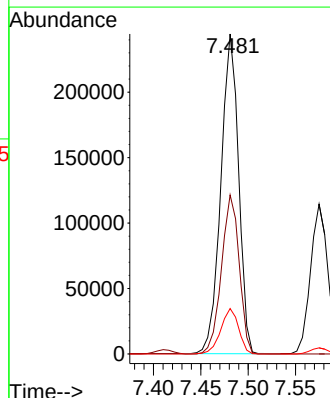
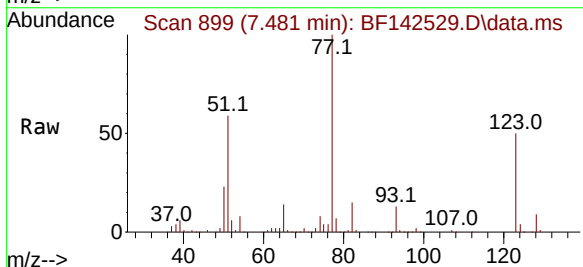
Delta R.T. -0.011 min

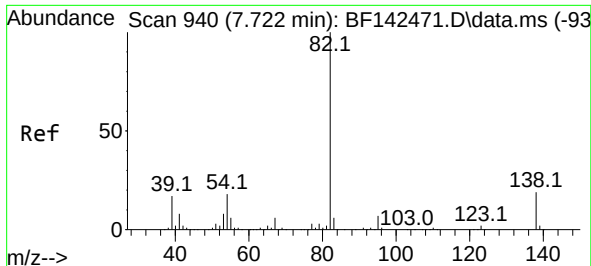
Lab File: BF142529.D

Acq: 23 May 2025 12:10

Tgt Ion: 77 Resp: 318115

Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.6	61.0
65	14.2	11.4	17.2

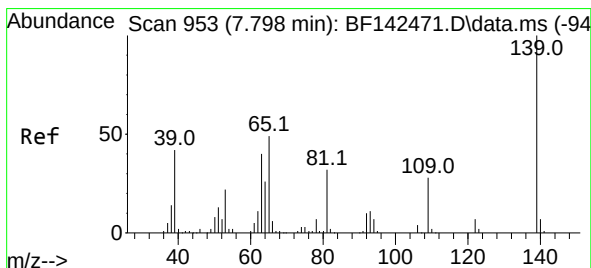
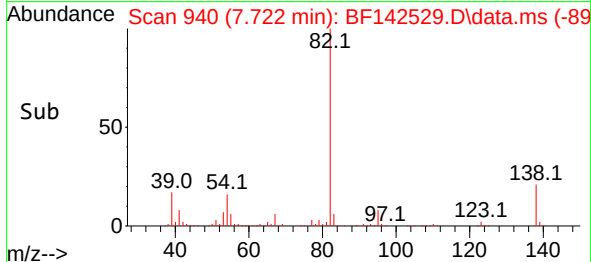
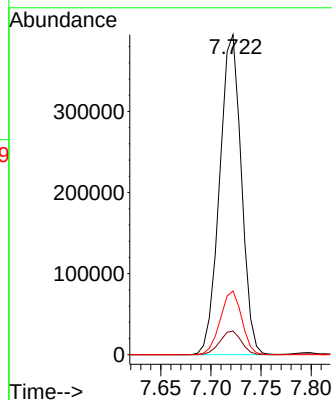
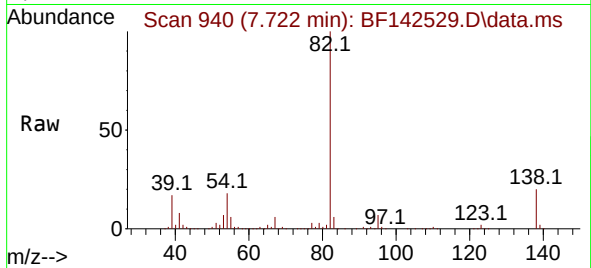




#25
Isophorone
Concen: 43.496 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.011 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

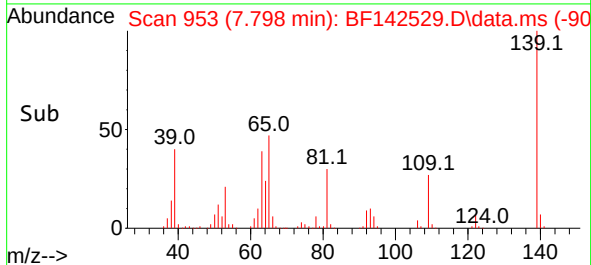
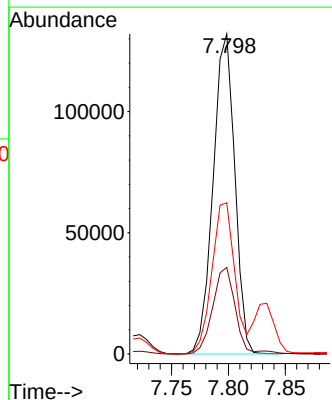
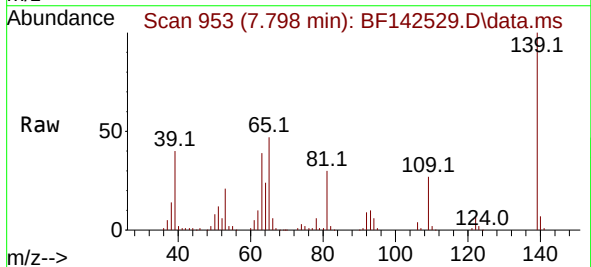
Instrument :
BNA_F
ClientSampleId :
PB168126BS

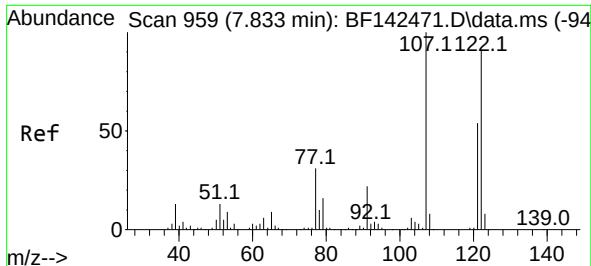
Tgt Ion: 82 Resp: 594145
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.9 15.5 23.3



#26
2-Nitrophenol
Concen: 44.538 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:139 Resp: 175363
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 47.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 44.757 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

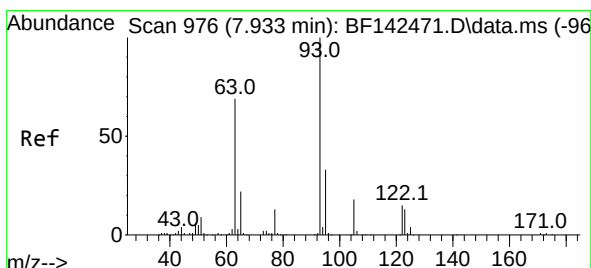
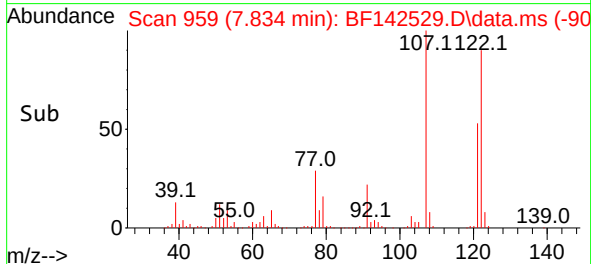
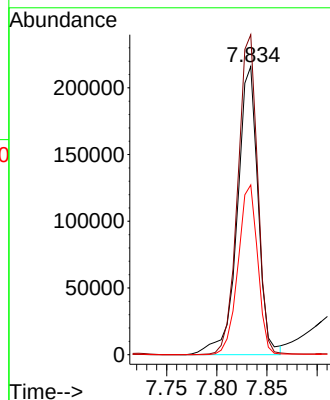
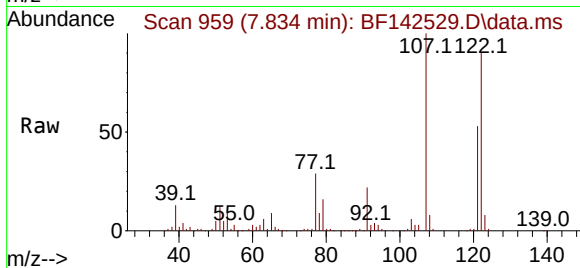
Tgt Ion:122 Resp: 310773

Ion Ratio Lower Upper

122 100

107 111.1 88.1 132.1

121 58.9 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.836 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.011 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

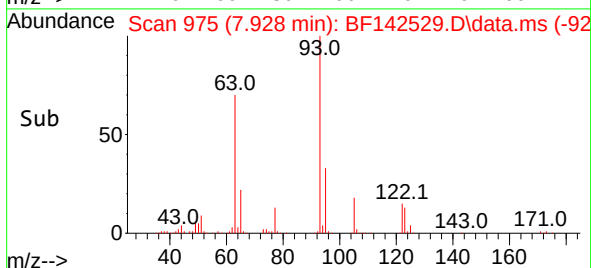
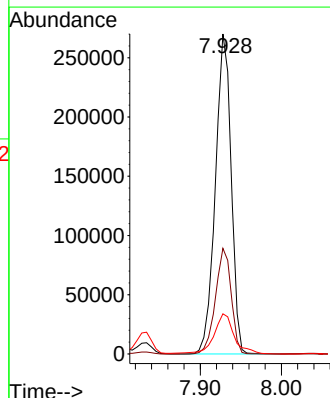
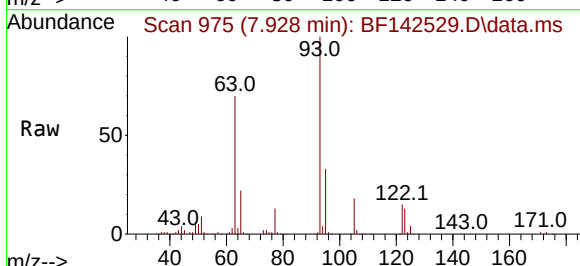
Tgt Ion: 93 Resp: 365524

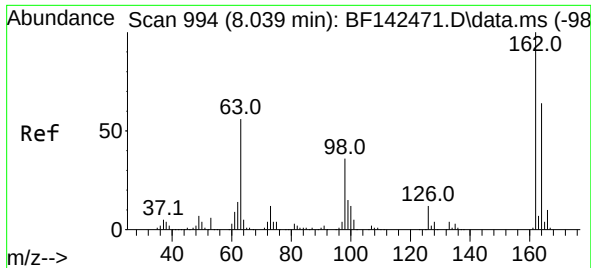
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 12.6 10.6 15.8

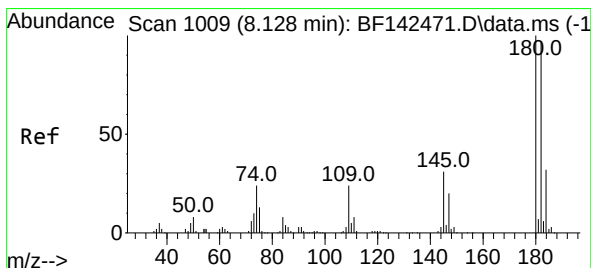
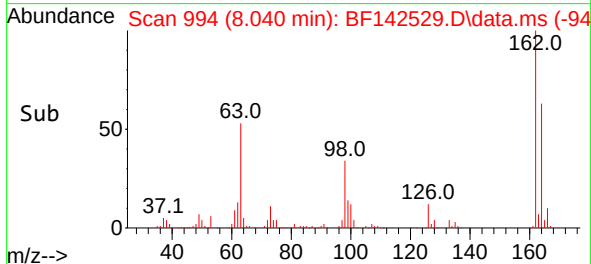
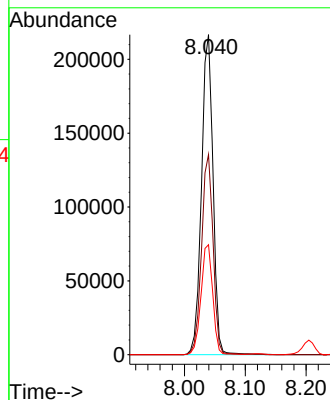
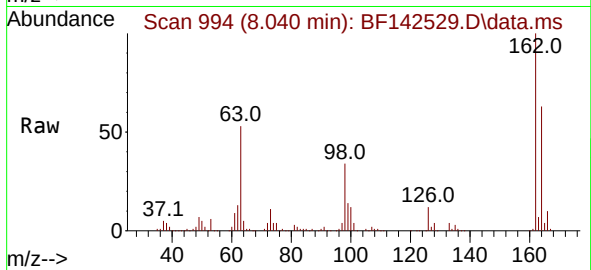




#29
2,4-Dichlorophenol
Concen: 45.139 ng
RT: 8.040 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

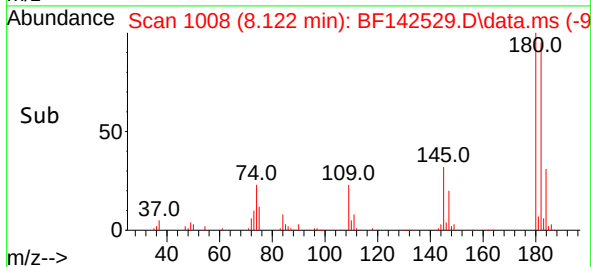
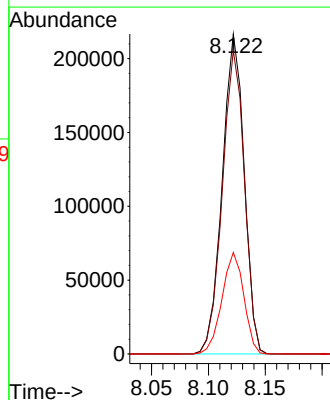
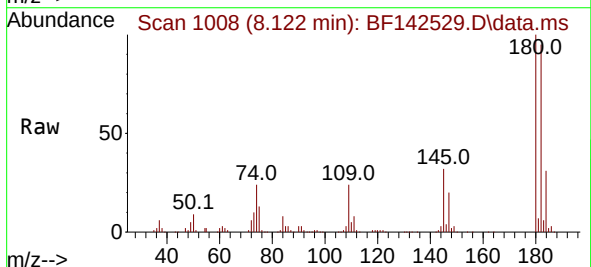
Instrument :
BNA_F
ClientSampleId :
PB168126BS

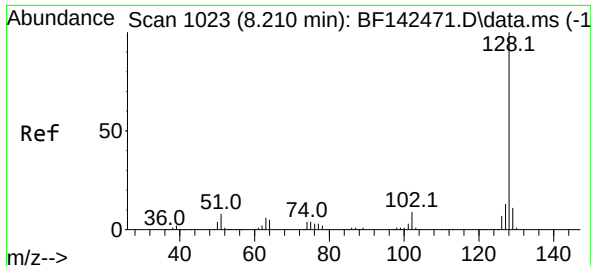
Tgt Ion:162 Resp: 285033
Ion Ratio Lower Upper
162 100
164 62.6 43.7 83.7
98 34.4 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.496 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:180 Resp: 291232
Ion Ratio Lower Upper
180 100
182 94.9 78.0 117.0
145 31.7 25.0 37.6

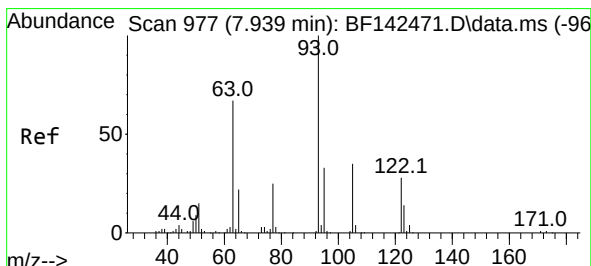
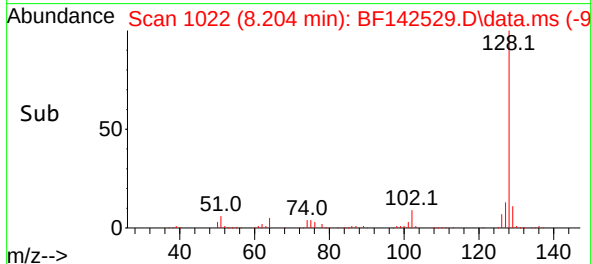
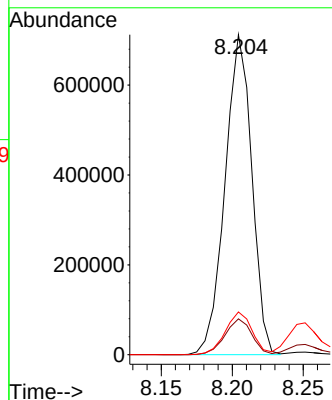
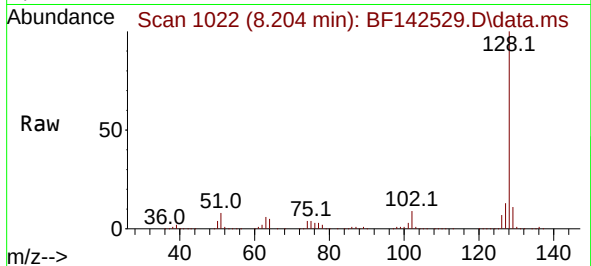




#31
Naphthalene
Concen: 42.644 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

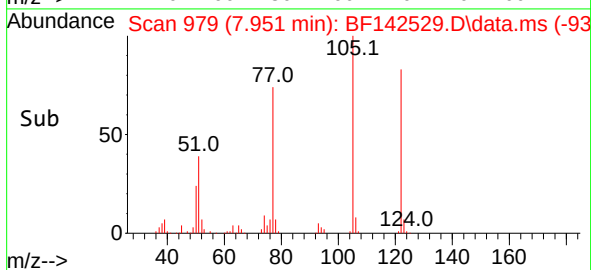
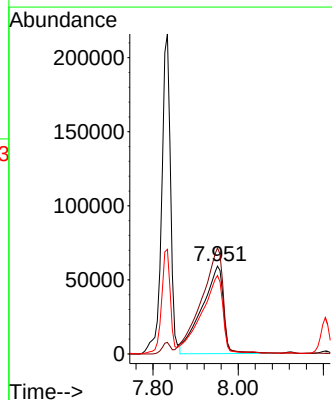
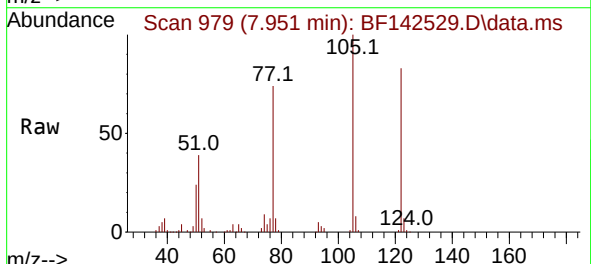
Instrument :
BNA_F
ClientSampleId :
PB168126BS

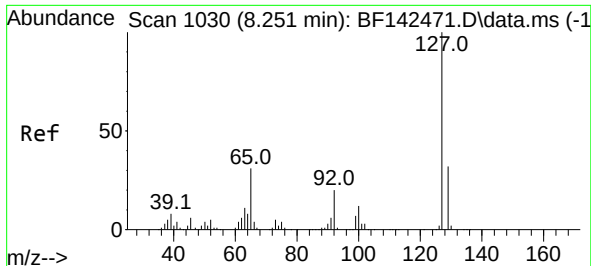
Tgt Ion:128 Resp: 935463
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 49.128 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:122 Resp: 207650
Ion Ratio Lower Upper
122 100
105 120.8 101.7 141.7
77 89.3 69.5 109.5

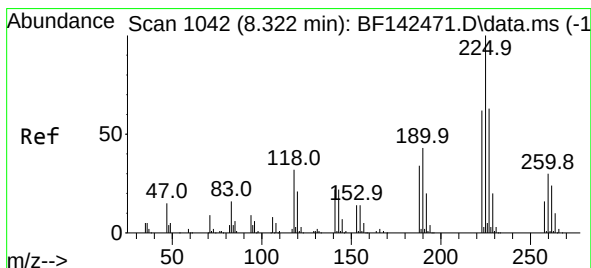
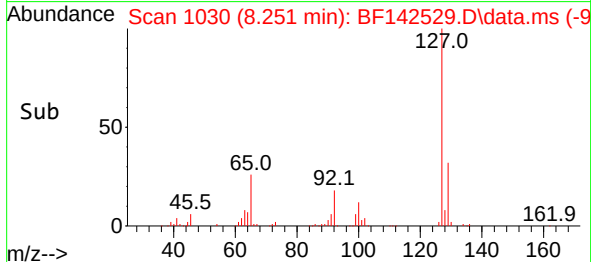
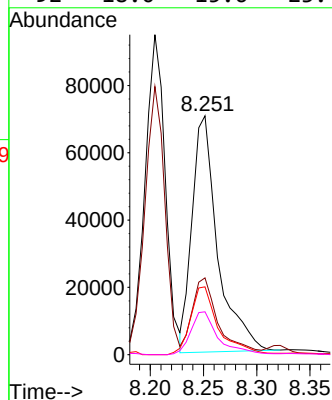
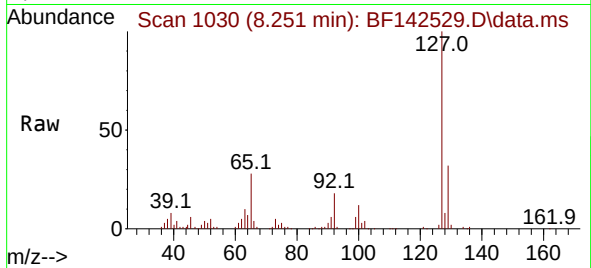




#33
4-Chloroaniline
Concen: 13.281 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

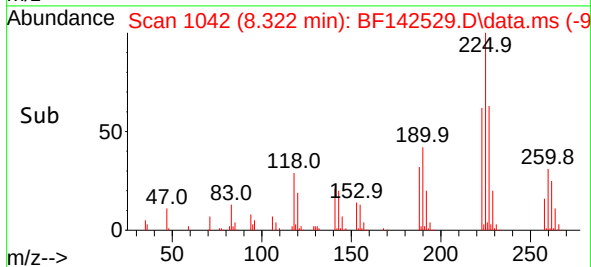
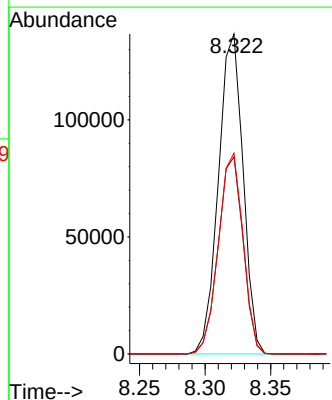
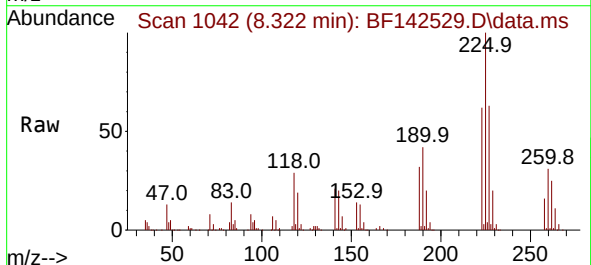
Instrument :
BNA_F
ClientSampleId :
PB168126BS

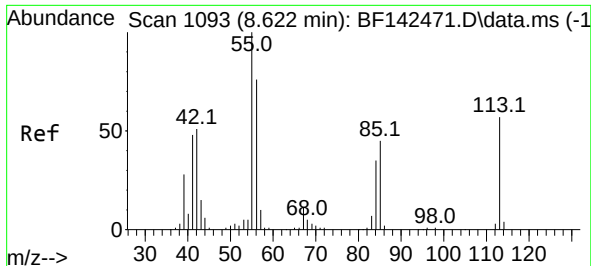
Tgt Ion:	127	Resp:	118056
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.4	24.9	37.3
92	18.0	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.715 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:	225	Resp:	178500
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	62.7	50.3	75.5

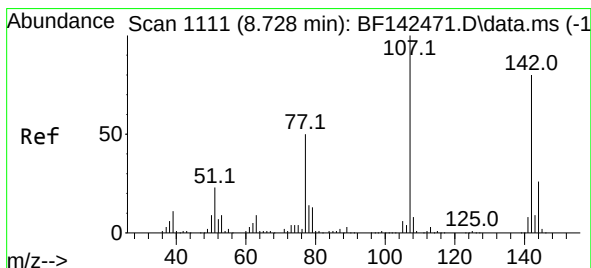
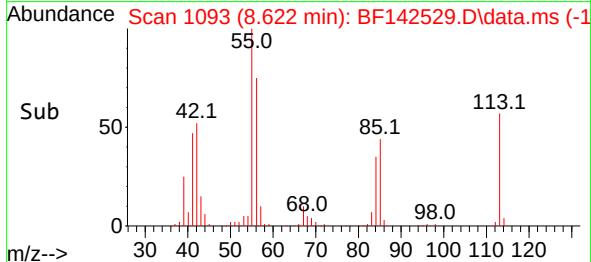
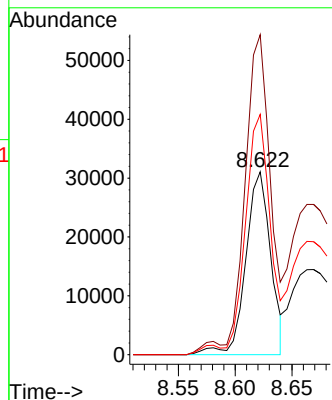
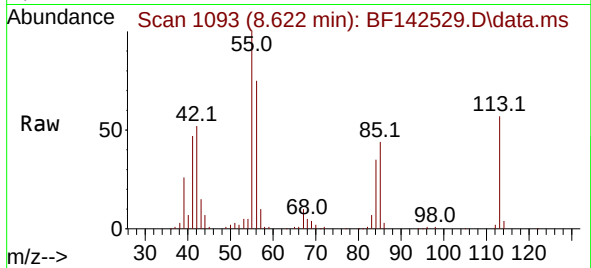




#35
 Caprolactam
 Concen: 26.664 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

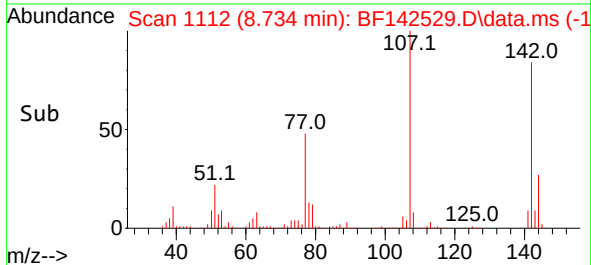
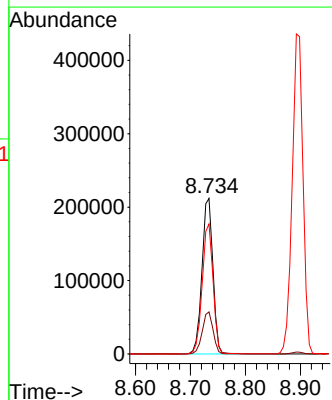
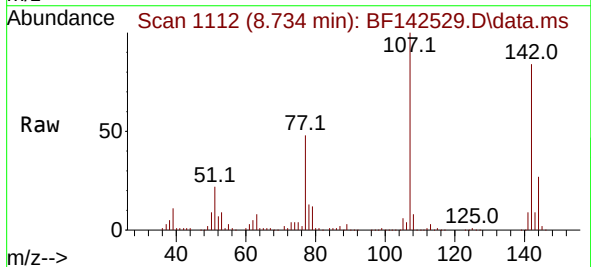
Instrument :
 BNA_F
 ClientSampleId :
 PB168126BS

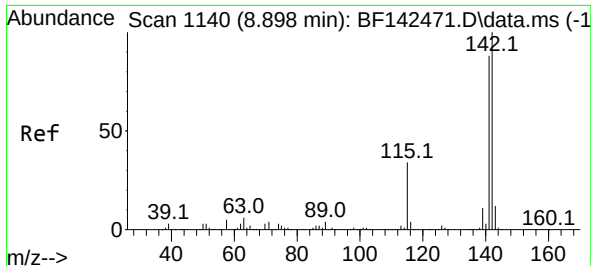
Tgt Ion:113 Resp: 47289
 Ion Ratio Lower Upper
 113 100
 55 175.0 154.7 194.7
 56 131.4 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 45.562 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

Tgt Ion:107 Resp: 294851
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.9 31.3
 142 83.6 64.2 96.2

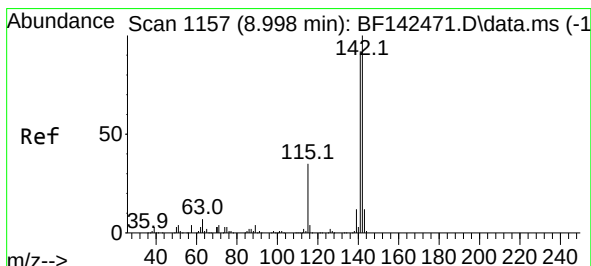
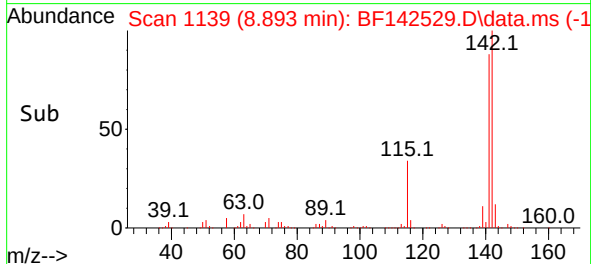
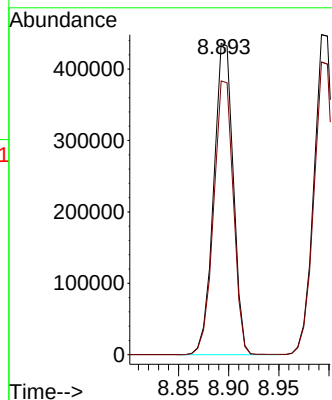
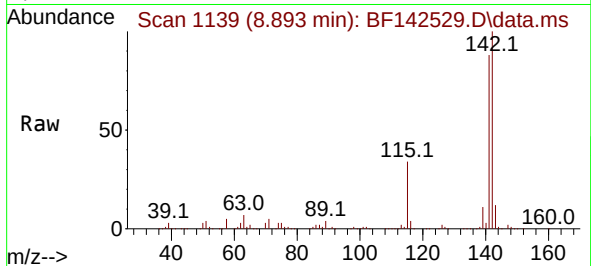




#37
2-Methylnaphthalene
Concen: 42.939 ng
RT: 8.893 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

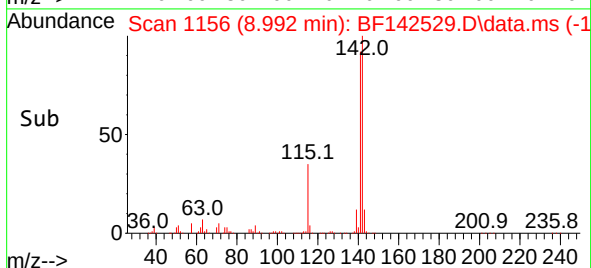
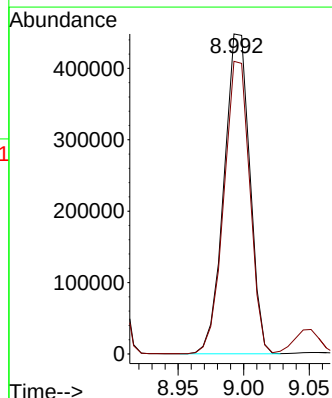
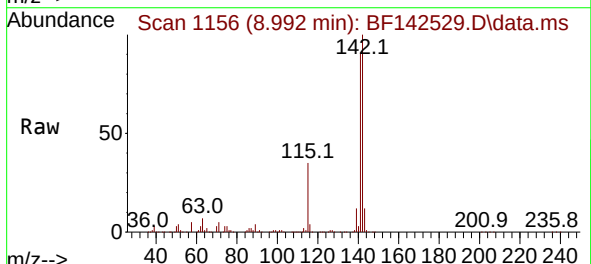
Instrument :
BNA_F
ClientSampleId :
PB168126BS

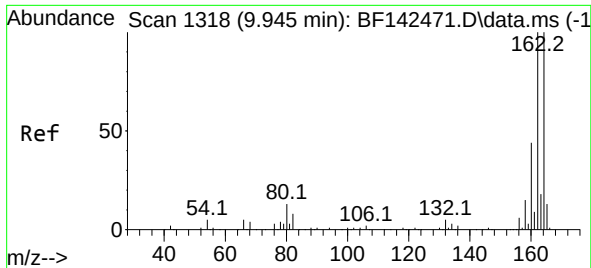
Tgt Ion:142 Resp: 592585
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1



#38
1-Methylnaphthalene
Concen: 42.954 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:142 Resp: 613178
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

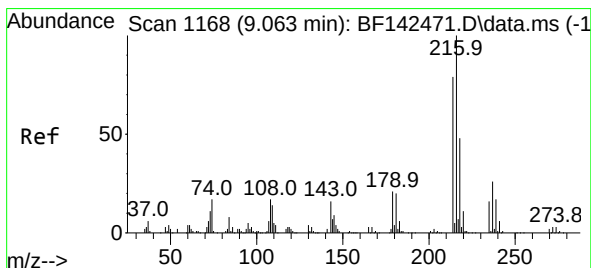
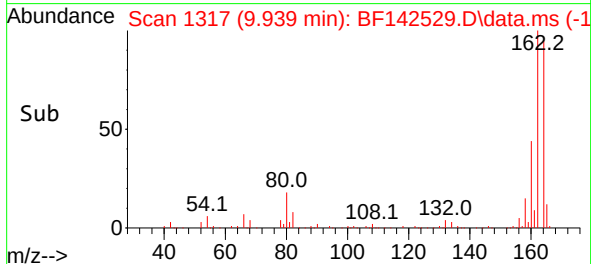
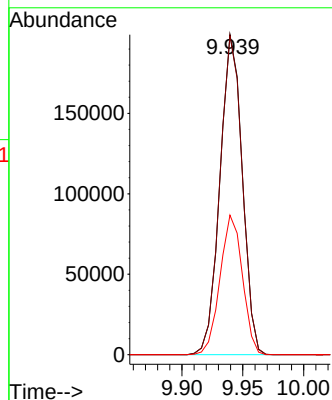
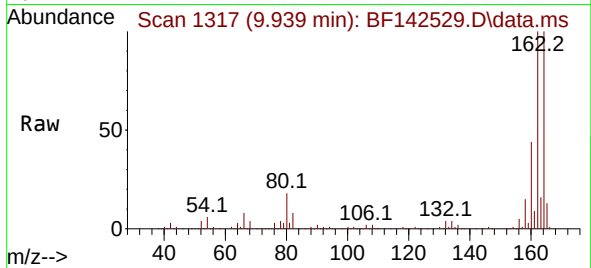
Tgt Ion:164 Resp: 254111

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.4

160 43.6 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.596 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Tgt Ion:216 Resp: 296126

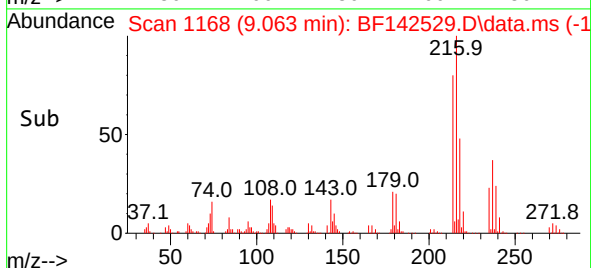
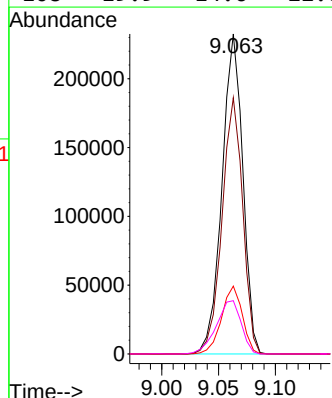
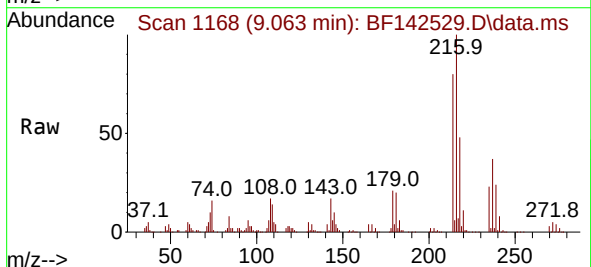
Ion Ratio Lower Upper

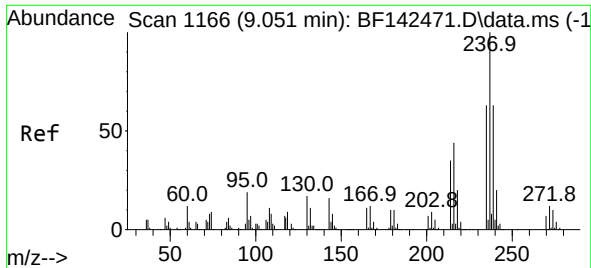
216 100

214 79.5 62.9 94.3

179 21.3 16.9 25.3

108 19.9 14.6 22.0

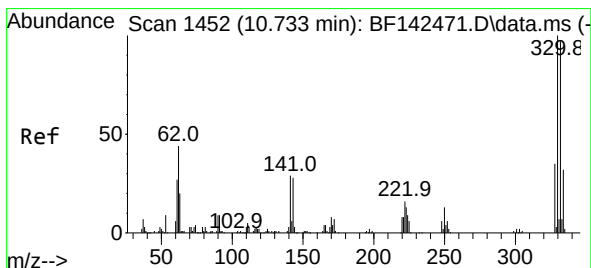
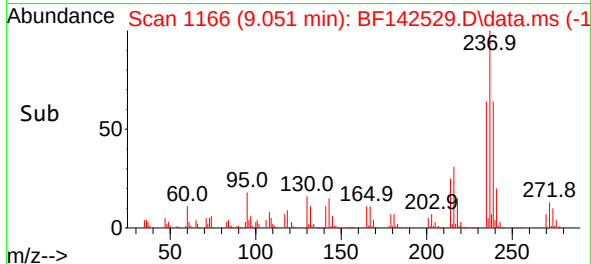
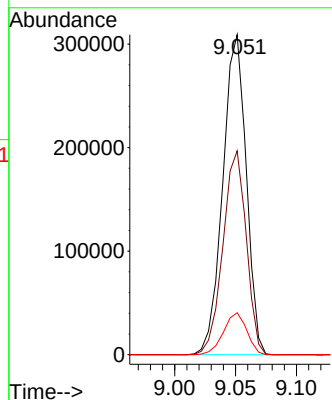
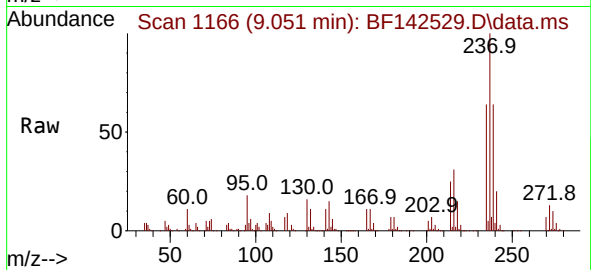




#41
Hexachlorocyclopentadiene
Concen: 84.182 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

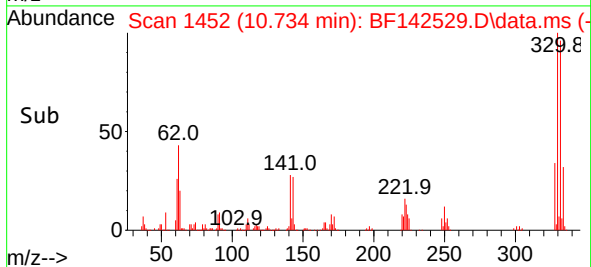
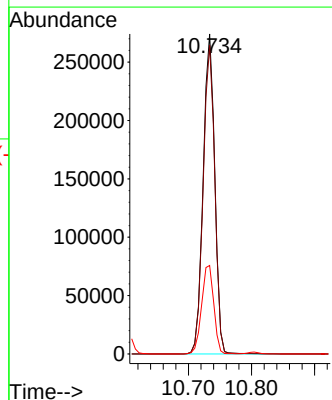
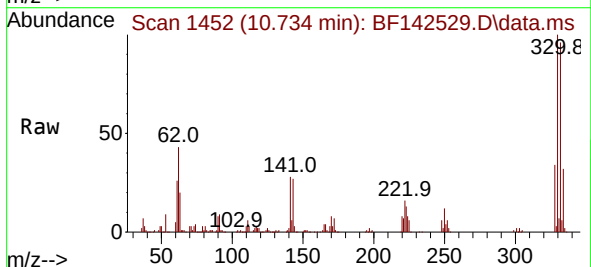
Instrument :
BNA_F
ClientSampleId :
PB168126BS

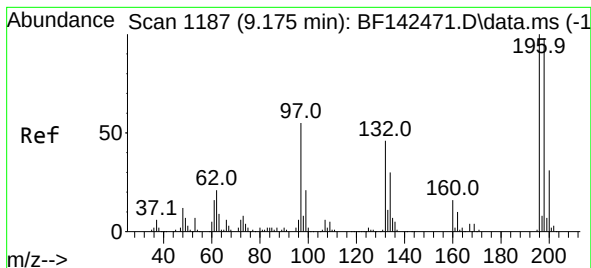
Tgt Ion:237 Resp: 414238
Ion Ratio Lower Upper
237 100
235 63.7 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 123.947 ng
RT: 10.734 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:330 Resp: 349569
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 29.0 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 43.395 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

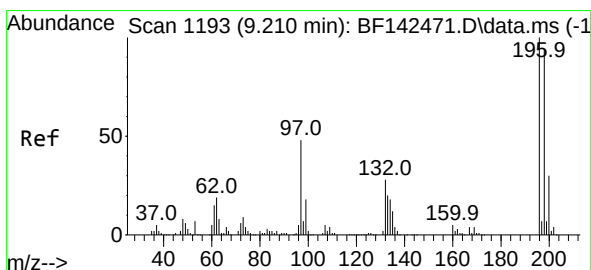
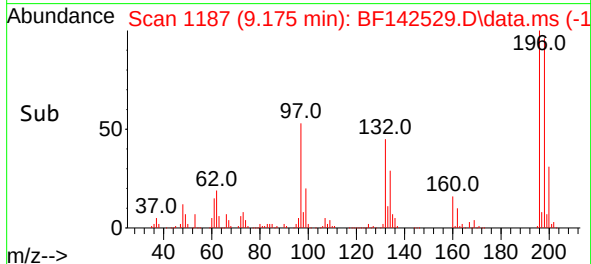
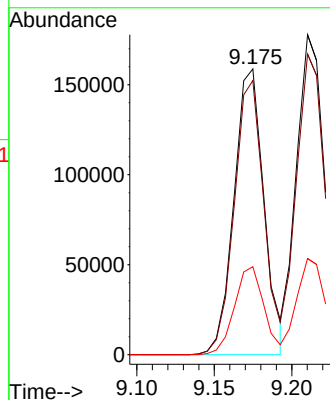
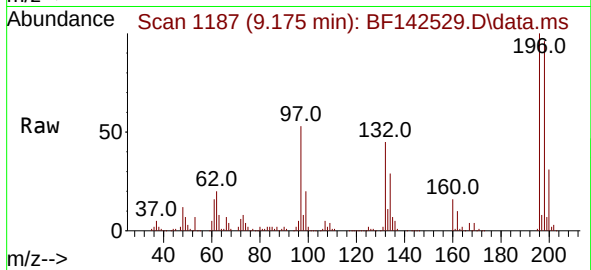
Tgt Ion:196 Resp: 213449

Ion Ratio Lower Upper

196 100

198 95.9 78.8 118.2

200 30.8 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 43.412 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Tgt Ion:196 Resp: 225202

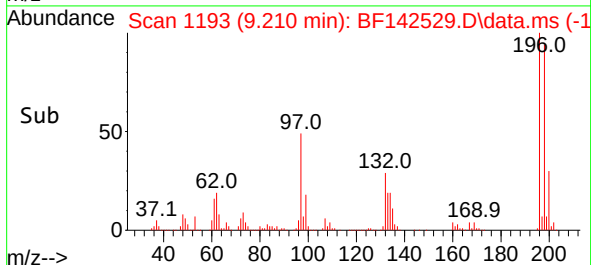
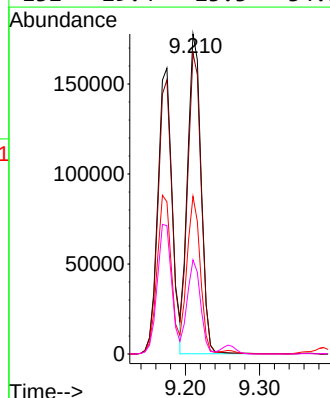
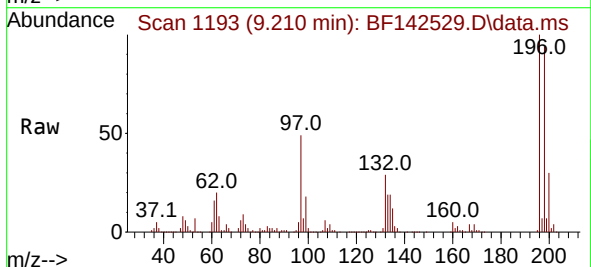
Ion Ratio Lower Upper

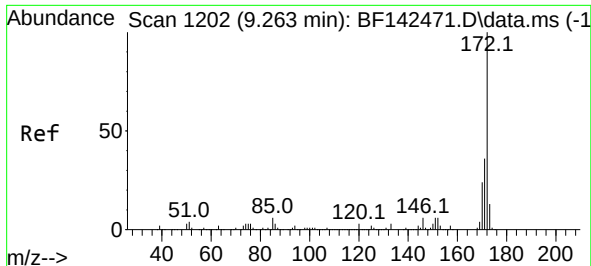
196 100

198 94.0 75.5 113.3

97 49.2 39.3 58.9

132 29.4 23.3 34.9

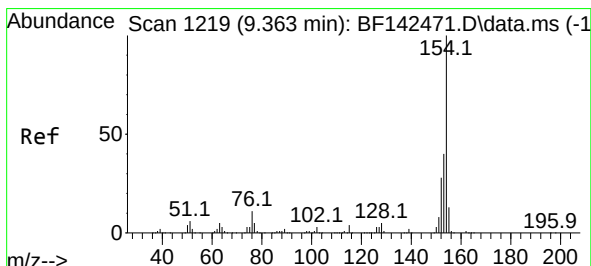
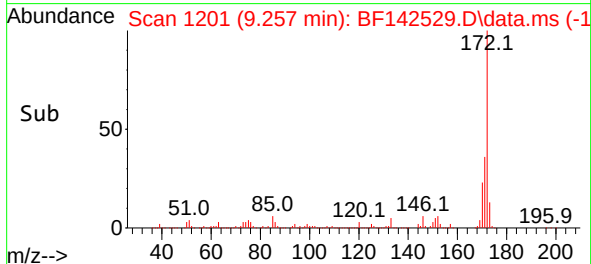
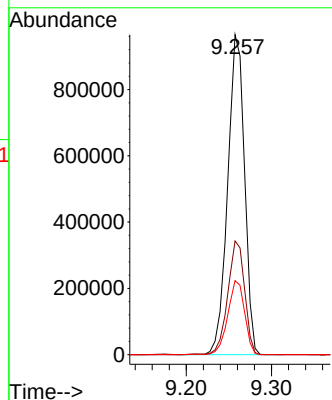
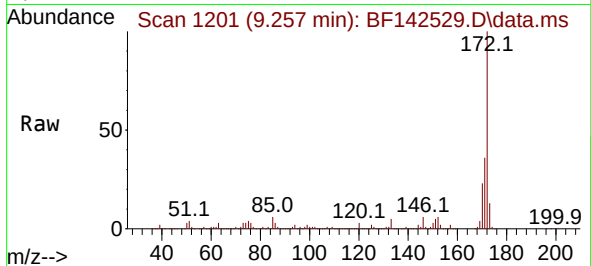




#45
2-Fluorobiphenyl
Concen: 69.955 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

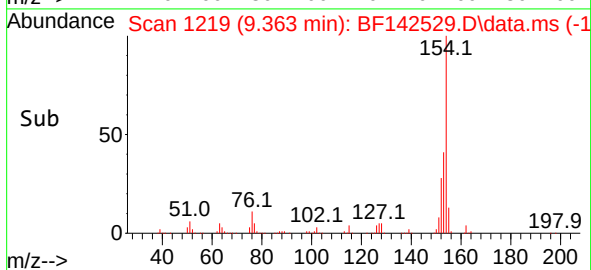
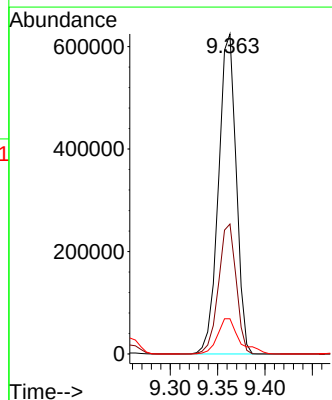
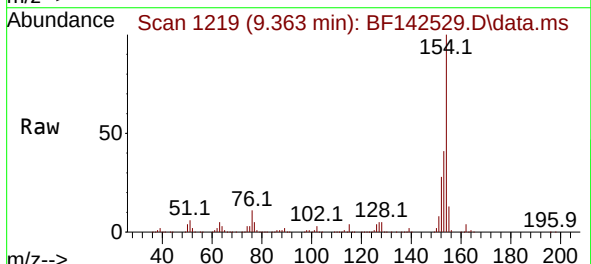
Instrument :
BNA_F
ClientSampleId :
PB168126BS

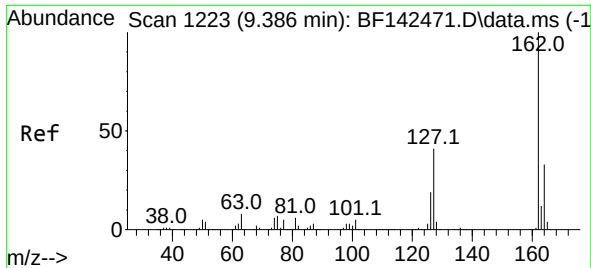
Tgt Ion:172 Resp: 1324753
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.253 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:154 Resp: 813284
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.0 0.0 30.8

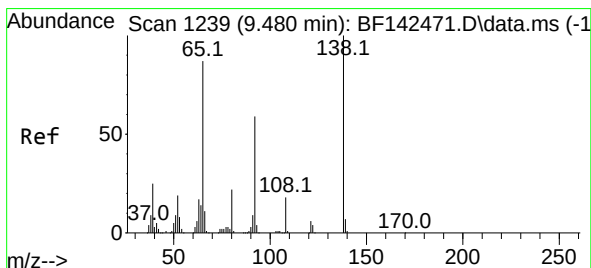
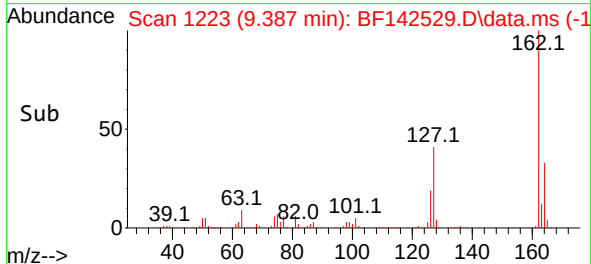
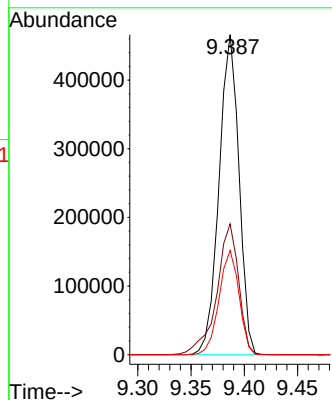
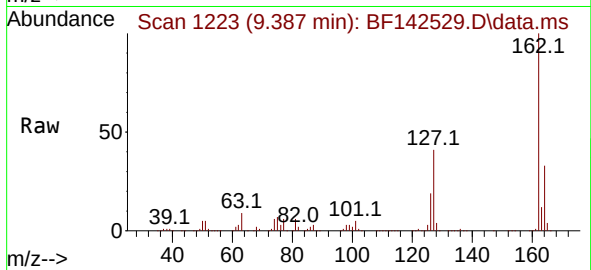




#47
2-Chloronaphthalene
Concen: 41.542 ng
RT: 9.387 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

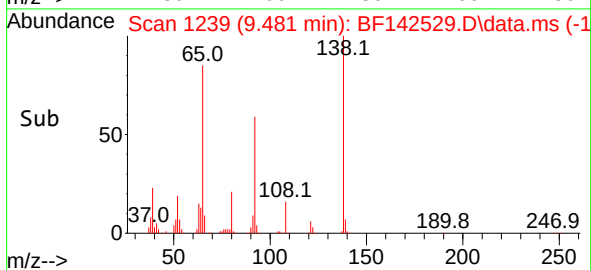
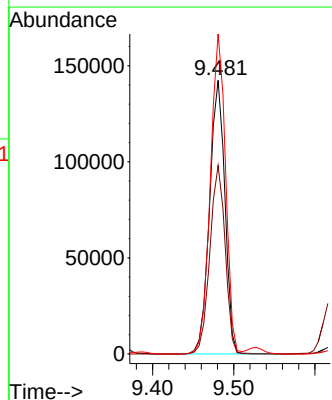
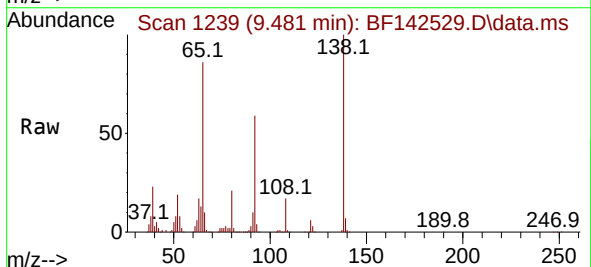
Instrument :
BNA_F
ClientSampleId :
PB168126BS

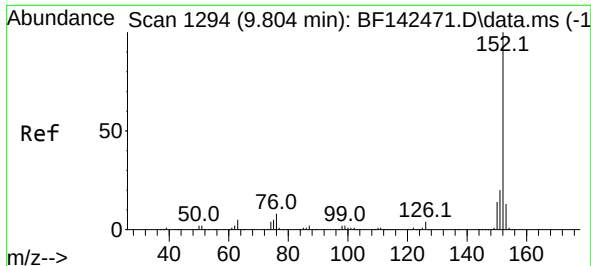
Tgt Ion:162 Resp: 605089
Ion Ratio Lower Upper
162 100
127 40.8 33.5 50.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 44.309 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

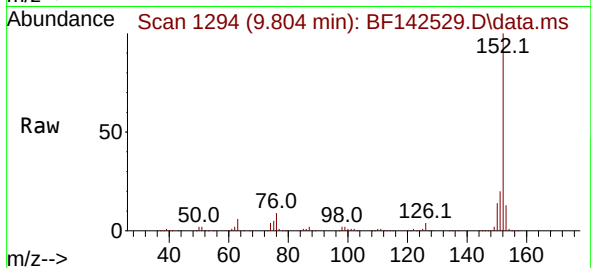
Tgt Ion: 65 Resp: 186547
Ion Ratio Lower Upper
65 100
92 68.9 54.4 81.6
138 116.9 91.4 137.2



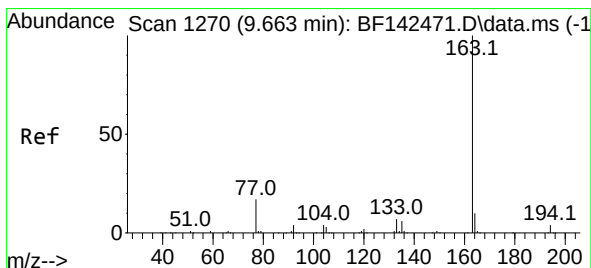
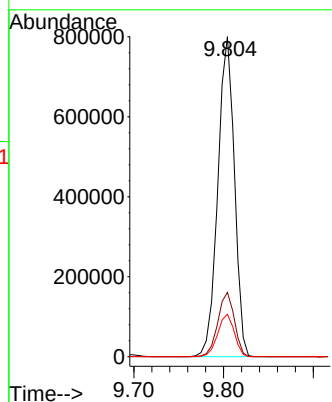
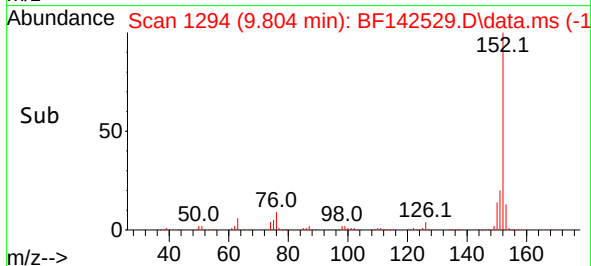


#49
Acenaphthylene
Concen: 41.792 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

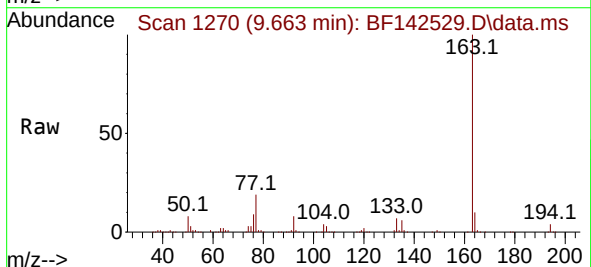
Instrument :
BNA_F
ClientSampleId :
PB168126BS



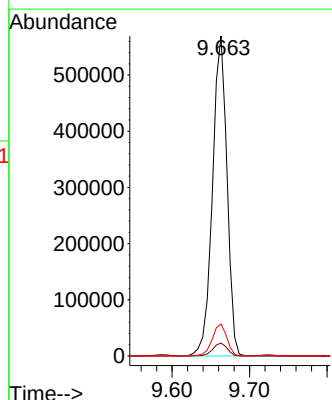
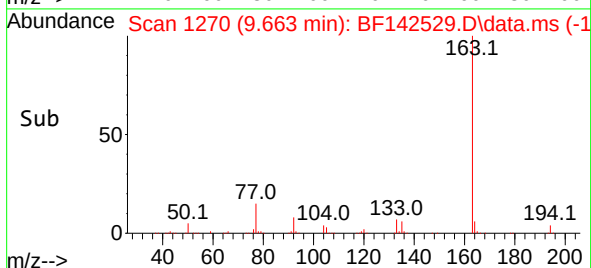
Tgt Ion:152 Resp: 1027896
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.6 15.8

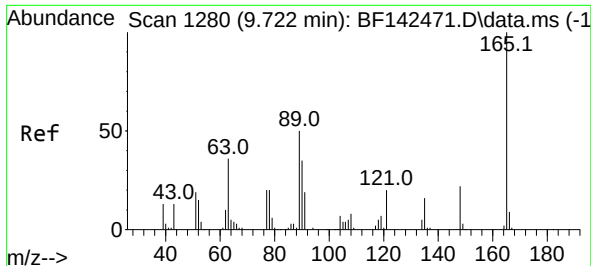


#50
Dimethylphthalate
Concen: 44.091 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10



Tgt Ion:163 Resp: 739280
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.4

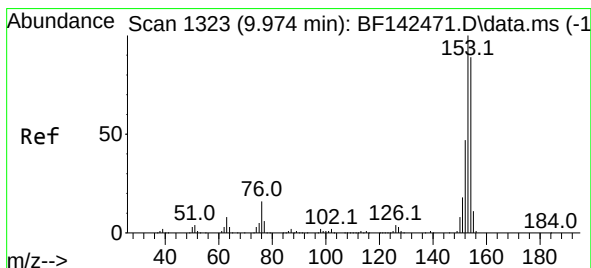
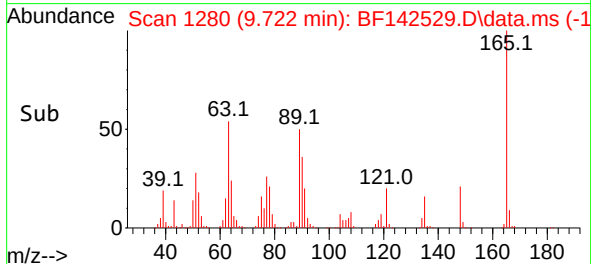
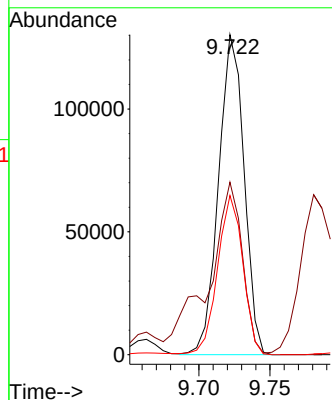
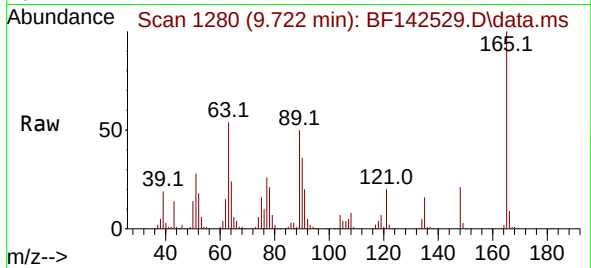




#51
2,6-Dinitrotoluene
Concen: 44.993 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

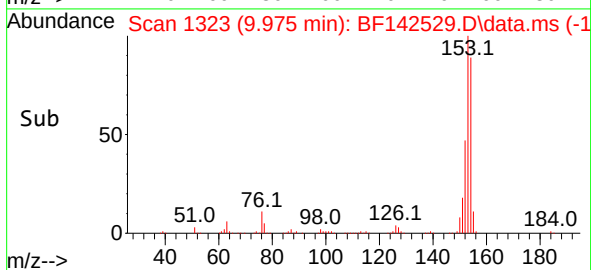
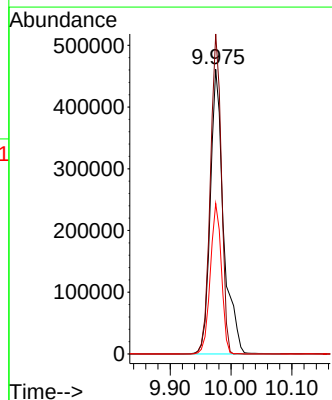
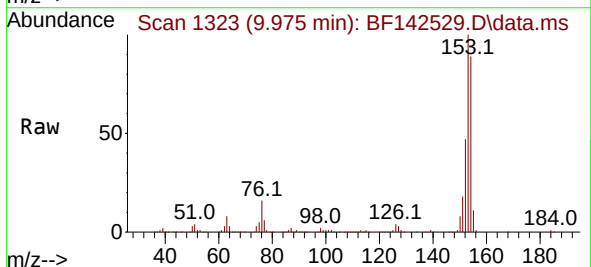
Instrument :
BNA_F
ClientSampleId :
PB168126BS

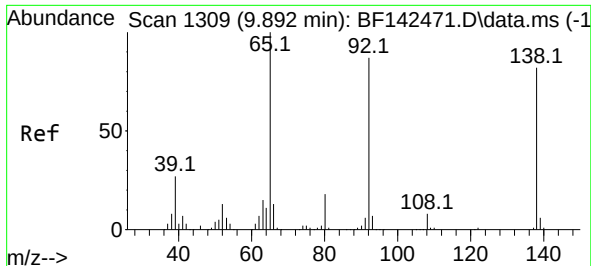
Tgt Ion:165 Resp: 162823
Ion Ratio Lower Upper
165 100
63 53.9 42.9 64.3
89 49.8 40.2 60.4



#52
Acenaphthene
Concen: 46.609 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

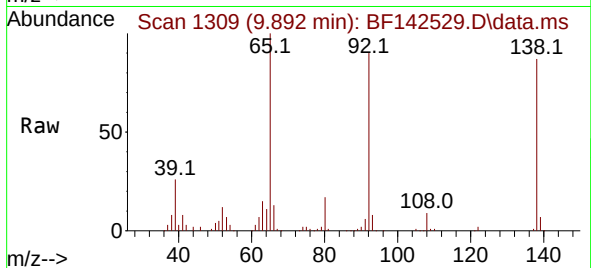
Tgt Ion:154 Resp: 699992
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 52.8 42.6 64.0



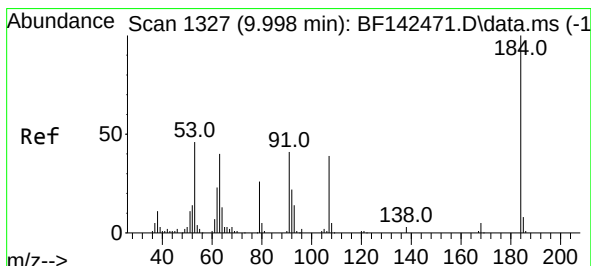
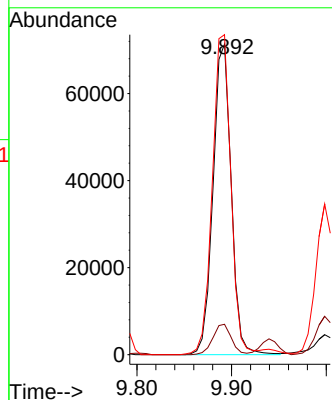
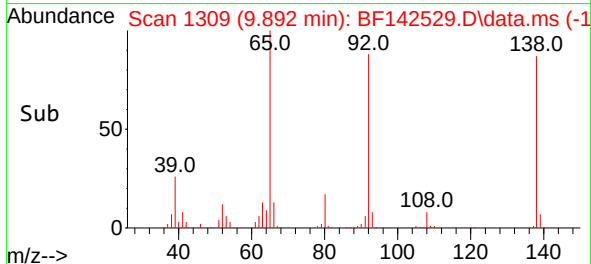


#53
3-Nitroaniline
Concen: 24.051 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB168126BS

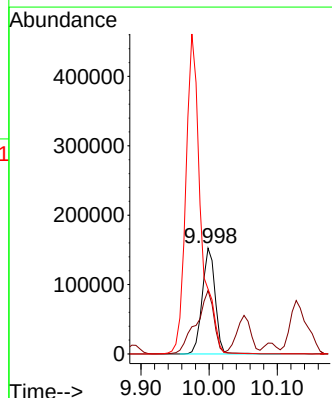
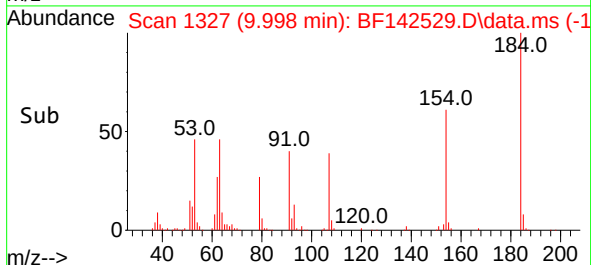
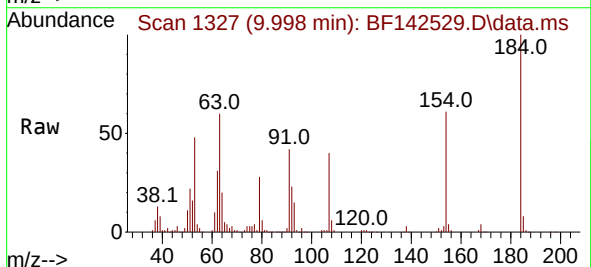


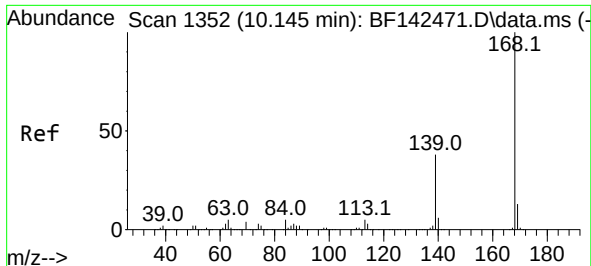
Tgt Ion:138 Resp: 95066
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 103.0 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 107.944 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:184 Resp: 201816
Ion Ratio Lower Upper
184 100
63 60.0 46.3 69.5
154 61.4 56.8 85.2

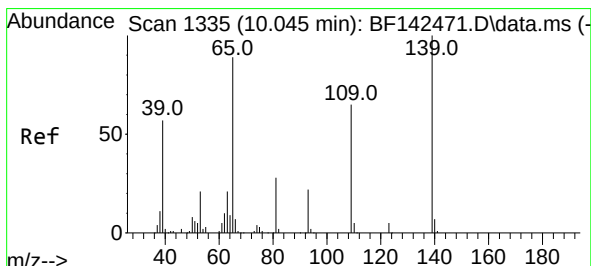
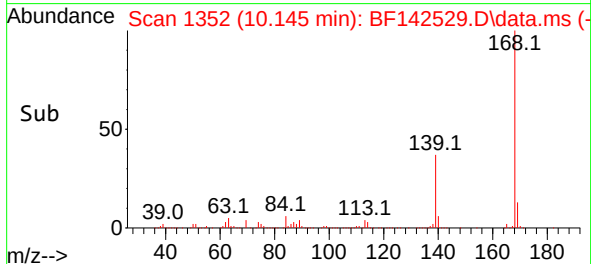
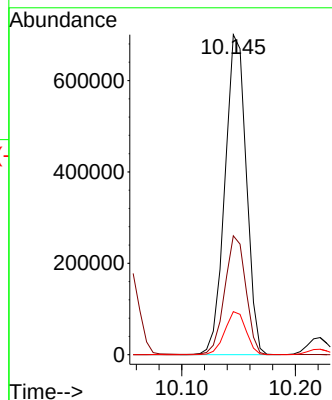
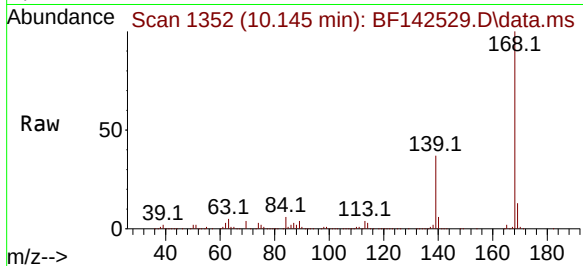




#55
Dibenzofuran
Concen: 42.256 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

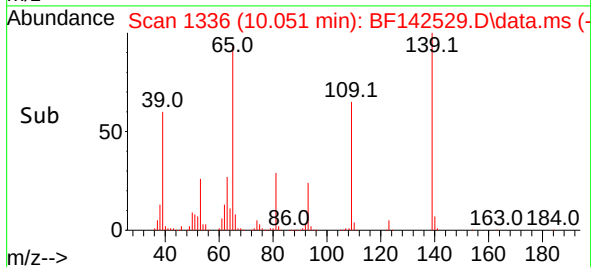
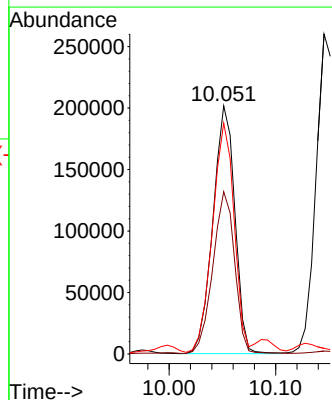
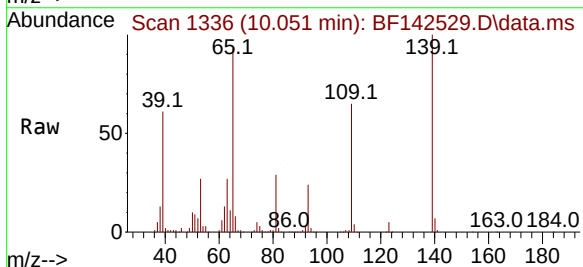
Instrument :
BNA_F
ClientSampleId :
PB168126BS

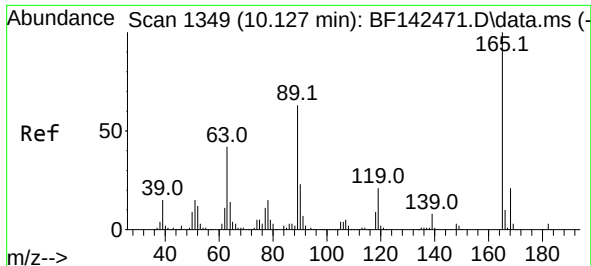
Tgt Ion:168 Resp: 913241
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.2
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 98.868 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

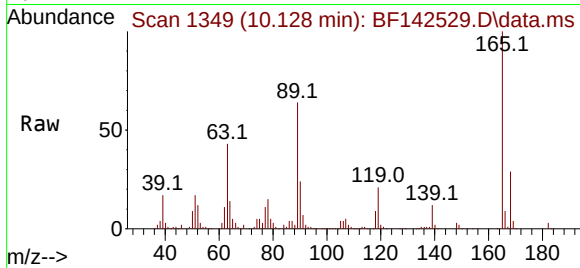
Tgt Ion:139 Resp: 288345
Ion Ratio Lower Upper
139 100
109 65.4 45.1 85.1
65 93.0 69.7 109.7



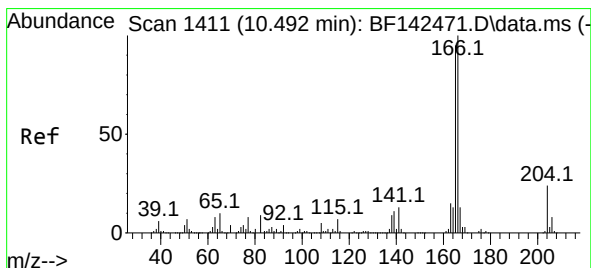
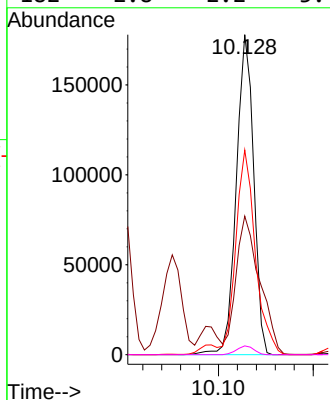
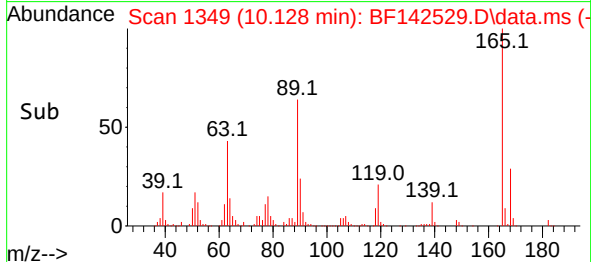


#57
2,4-Dinitrotoluene
Concen: 47.852 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

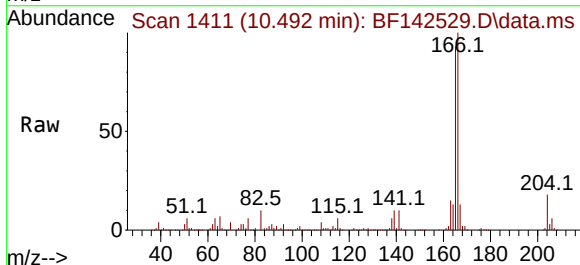
Instrument :
BNA_F
ClientSampleId :
PB168126BS



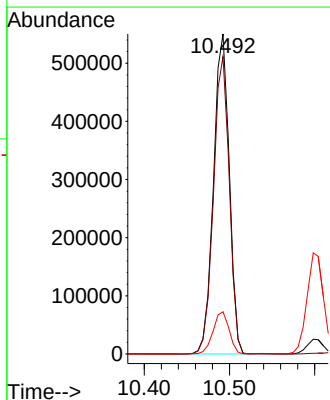
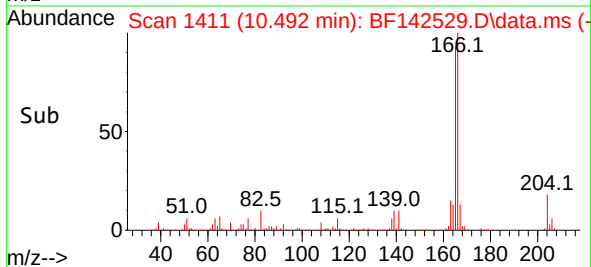
Tgt Ion:165 Resp: 226154
Ion Ratio Lower Upper
165 100
63 43.3 33.6 50.4
89 64.0 50.2 75.4
182 2.8 2.2 3.4

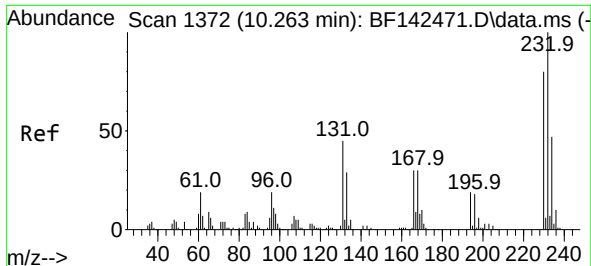


#58
Fluorene
Concen: 42.319 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10



Tgt Ion:166 Resp: 706574
Ion Ratio Lower Upper
166 100
165 93.0 75.8 113.8
167 13.2 10.6 16.0

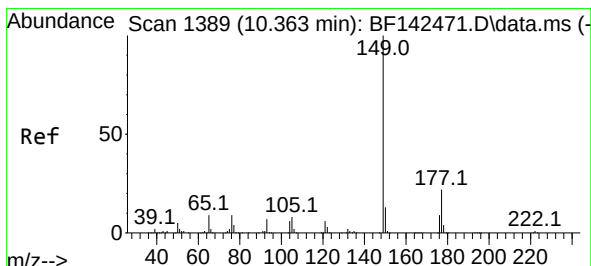
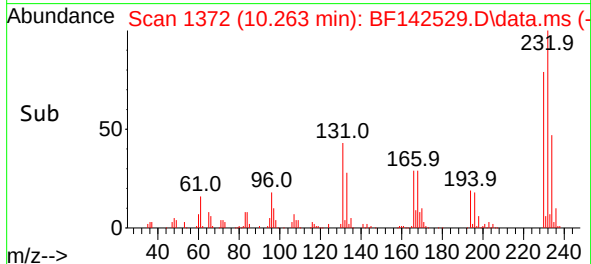
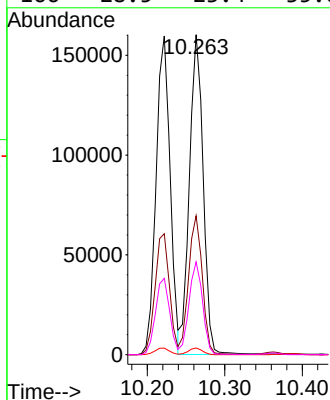
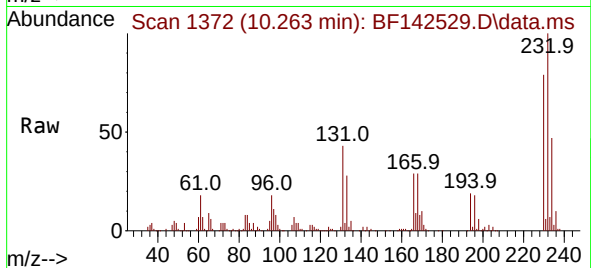




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.540 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

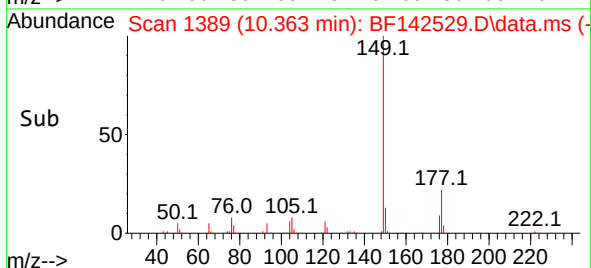
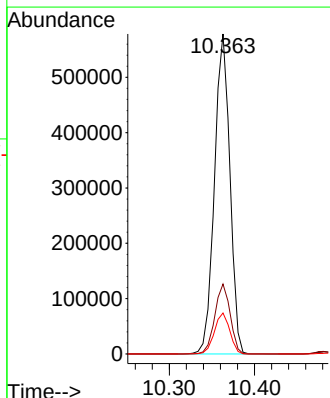
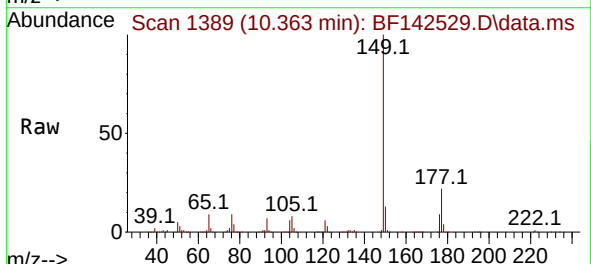
Instrument :
BNA_F
ClientSampleId :
PB168126BS

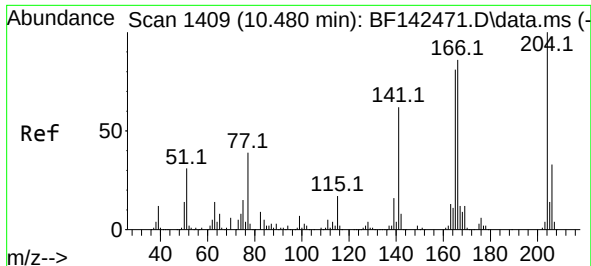
Tgt Ion:232 Resp: 197220
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.1 1.7 2.5
166 28.5 23.4 35.0



#60
Diethylphthalate
Concen: 44.513 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:149 Resp: 728922
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.1 15.1

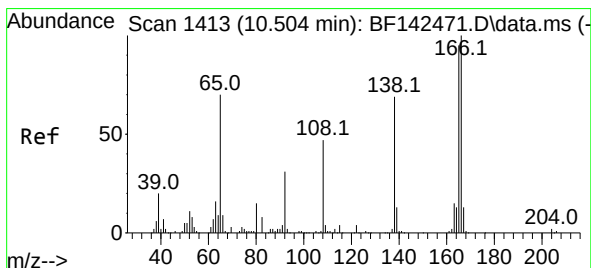
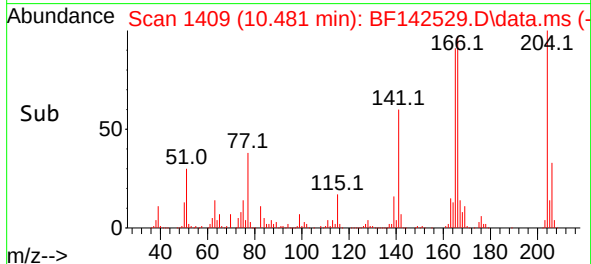
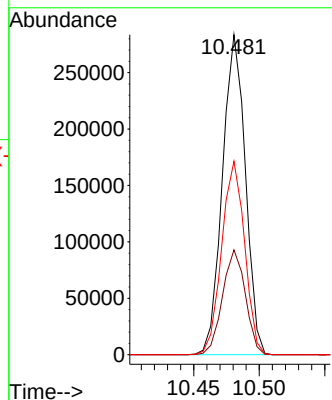
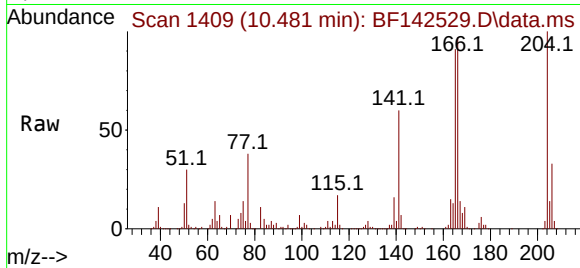




#61
4-Chlorophenyl-phenylether
Concen: 41.988 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

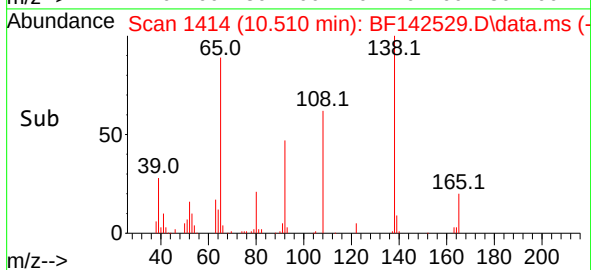
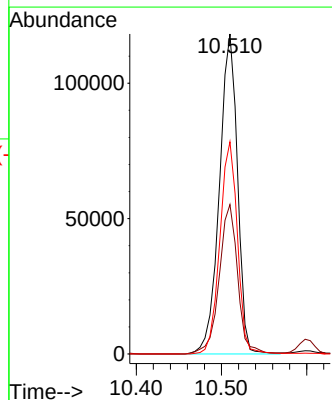
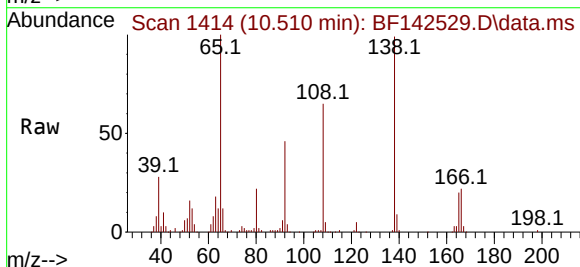
Instrument :
BNA_F
ClientSampleId :
PB168126BS

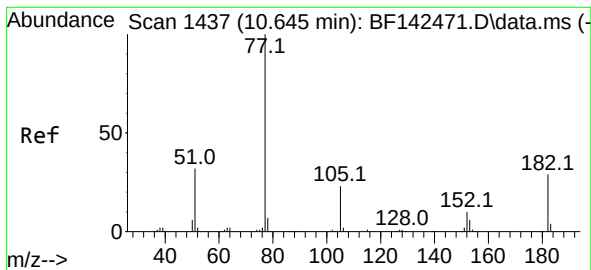
Tgt Ion:204 Resp: 344381
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 60.5 49.5 74.3



#62
4-Nitroaniline
Concen: 48.752 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:138 Resp: 174767
Ion Ratio Lower Upper
138 100
92 46.7 26.0 66.0
108 66.3 48.4 88.4





#63

Azobenzene

Concen: 43.714 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

Tgt Ion: 77 Resp: 642956

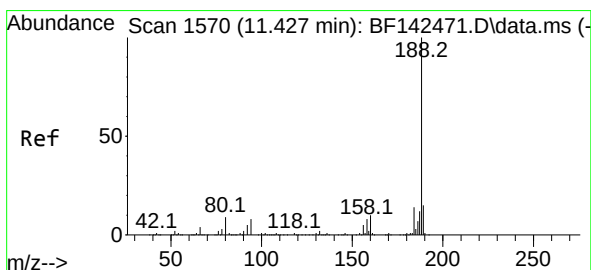
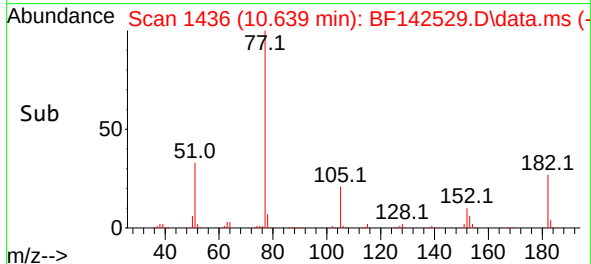
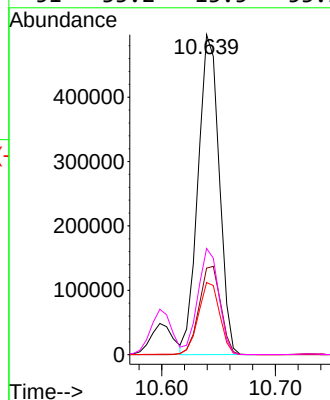
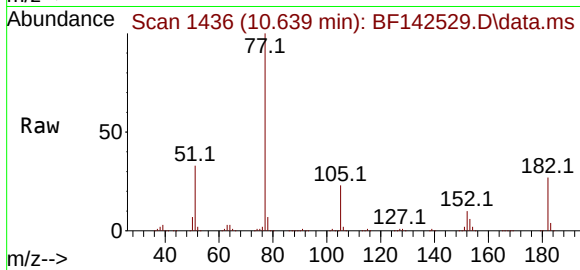
Ion Ratio Lower Upper

77 100

182 27.1 9.0 49.0

105 22.6 2.4 42.4

51 33.2 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

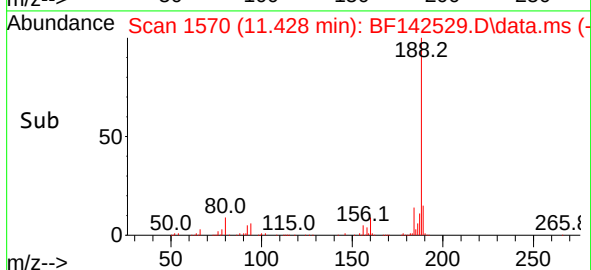
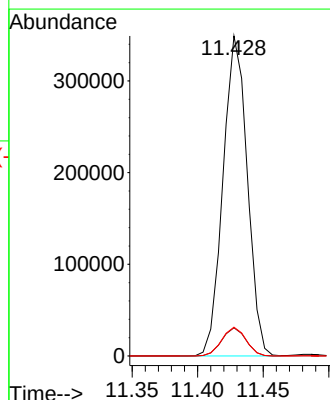
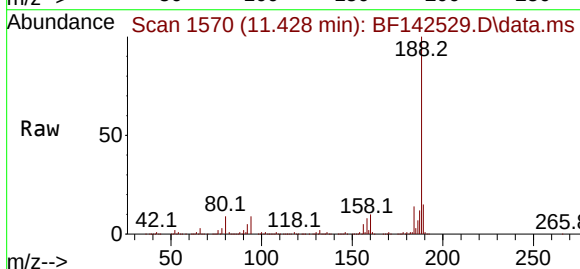
Tgt Ion: 188 Resp: 449715

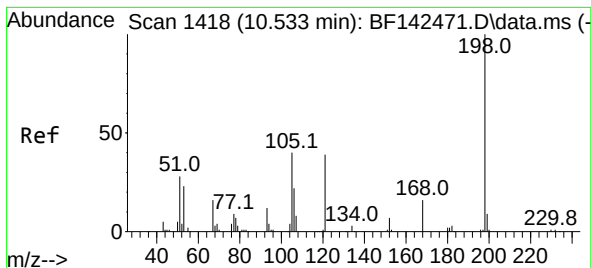
Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.0 7.4 11.0

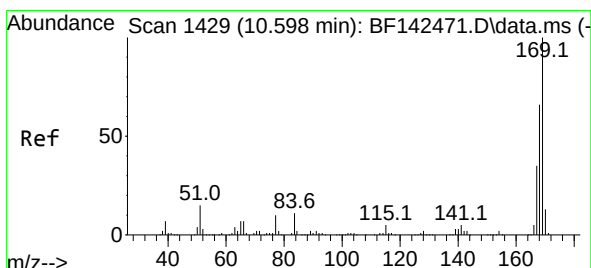
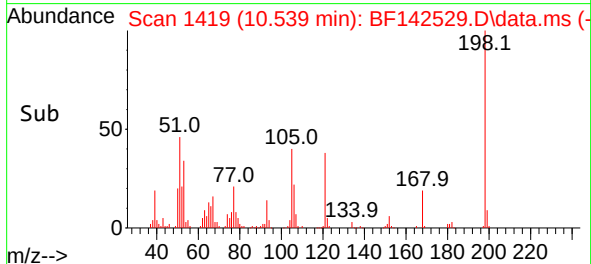
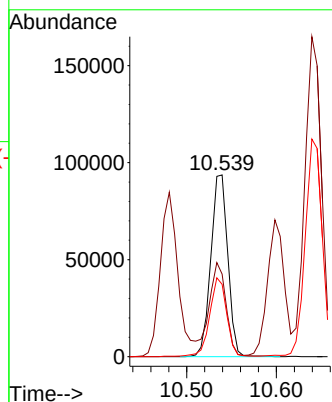
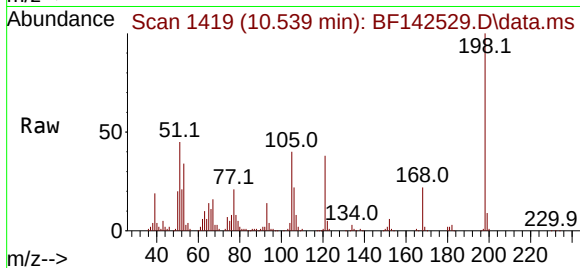




#65
4,6-Dinitro-2-methylphenol
Concen: 48.971 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

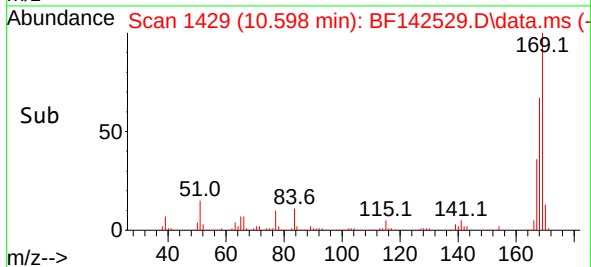
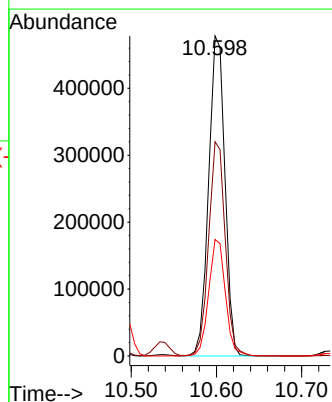
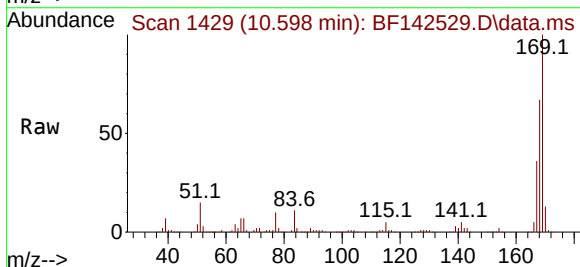
Instrument :
BNA_F
ClientSampleId :
PB168126BS

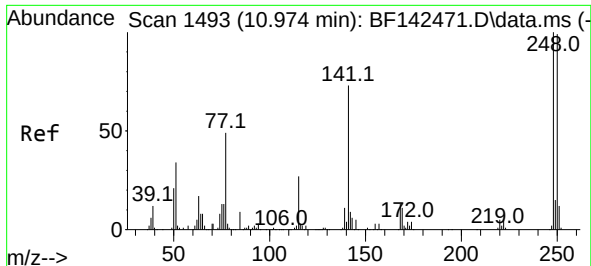
Tgt Ion:198 Resp: 122904
Ion Ratio Lower Upper
198 100
51 45.5 28.3 68.3
105 39.8 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 41.120 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:169 Resp: 632663
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 36.4 28.3 42.5

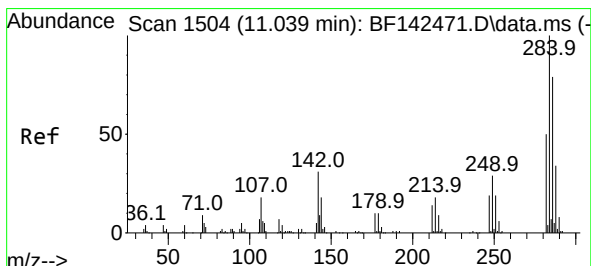
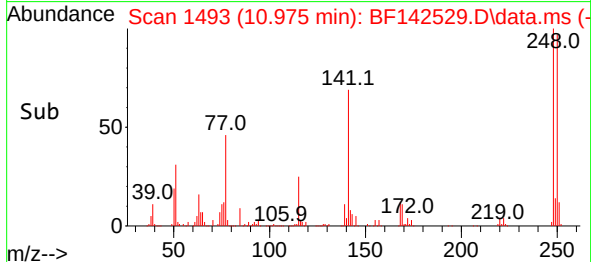
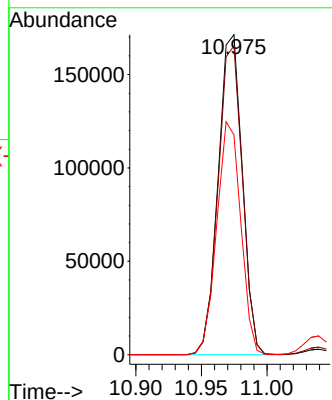
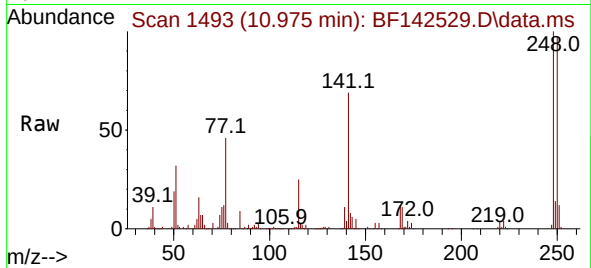




#67
4-Bromophenyl-phenylether
Concen: 41.321 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

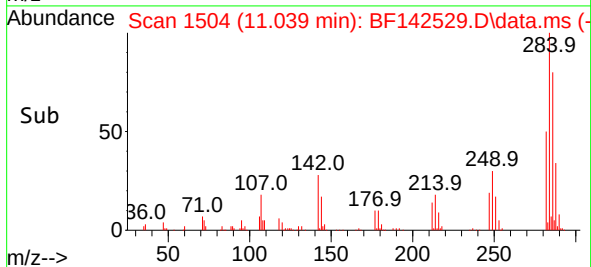
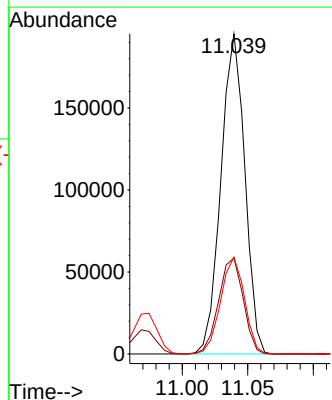
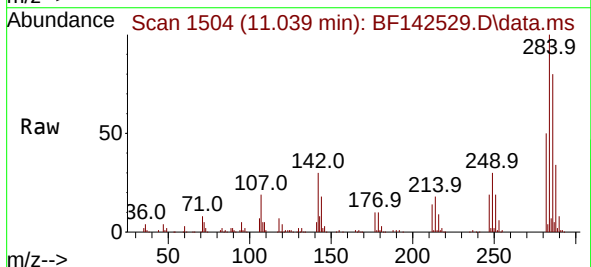
Instrument :
BNA_F
ClientSampleId :
PB168126BS

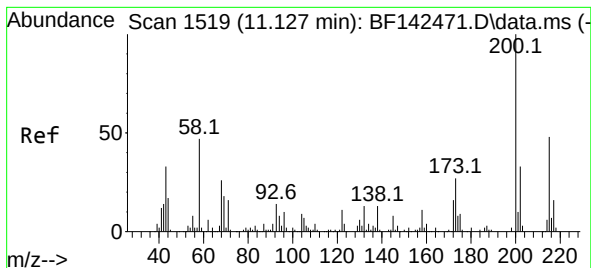
Tgt Ion:248 Resp: 219727
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.4
141 68.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.980 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:284 Resp: 246901
Ion Ratio Lower Upper
284 100
142 30.0 24.8 37.2
249 30.2 23.6 35.4





#69

Atrazine

Concen: 48.319 ng

RT: 11.128 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

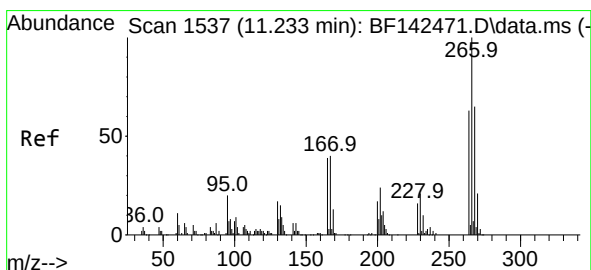
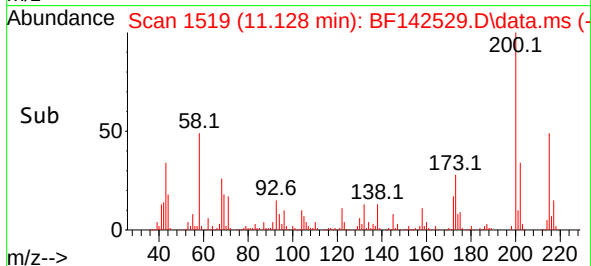
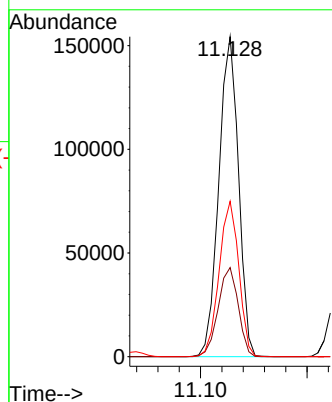
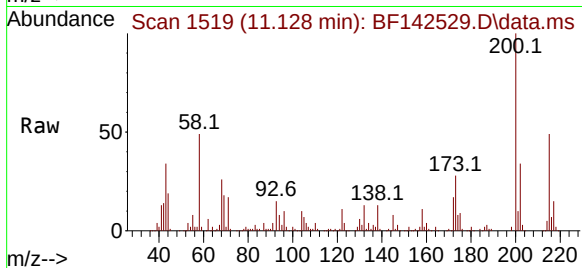
Tgt Ion:200 Resp: 197434

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 89.996 ng

RT: 11.234 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

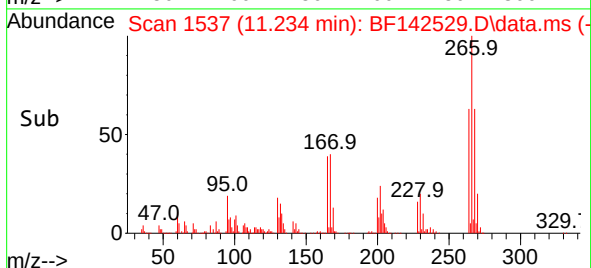
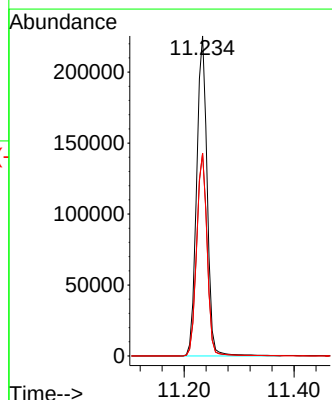
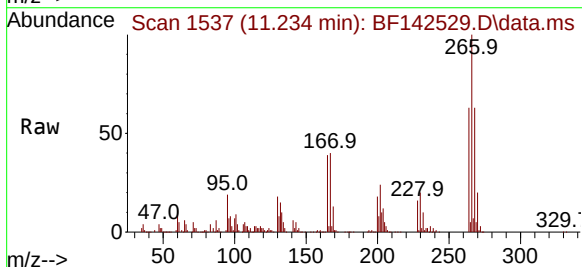
Tgt Ion:266 Resp: 298833

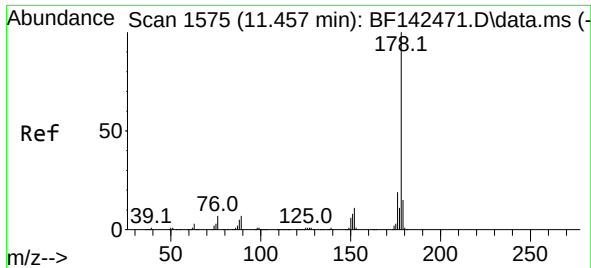
Ion Ratio Lower Upper

266 100

268 63.4 51.7 77.5

264 63.4 50.4 75.6

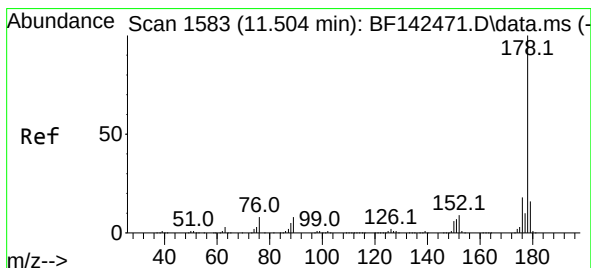
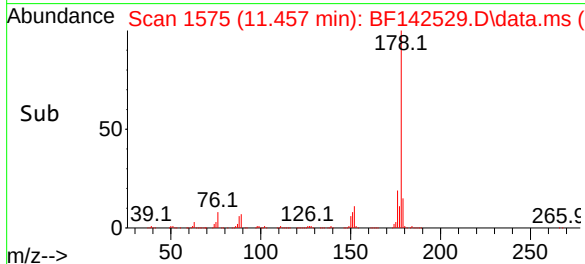
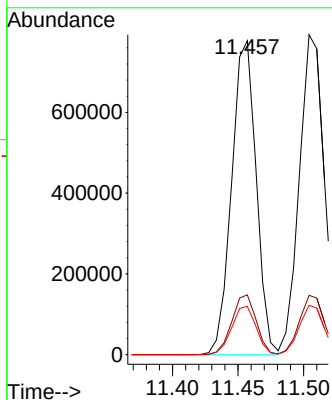
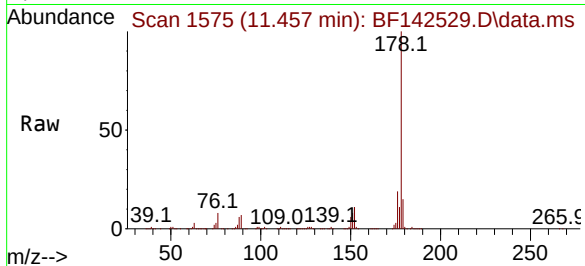




#71
Phenanthrene
Concen: 42.188 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

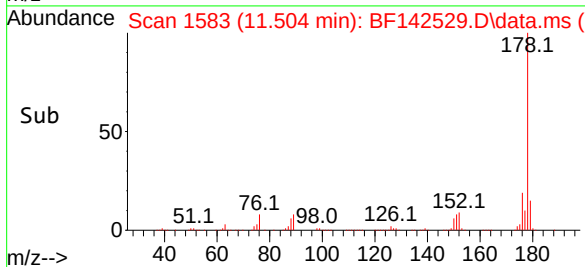
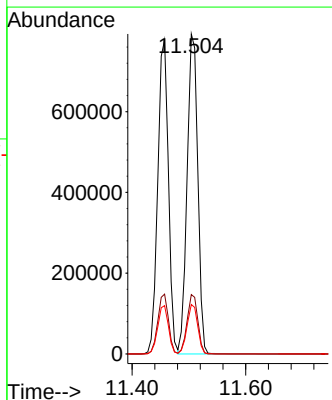
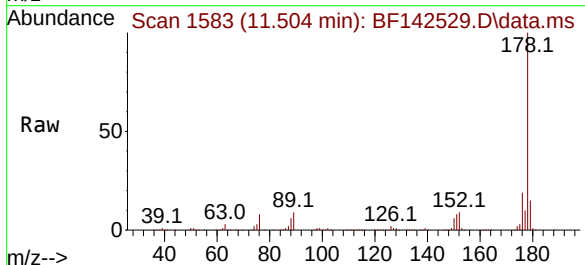
Instrument :
BNA_F
ClientSampleId :
PB168126BS

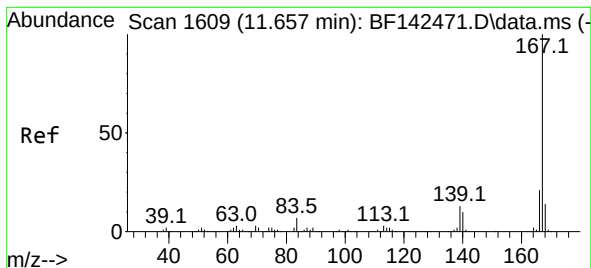
Tgt Ion:178 Resp: 1013925
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 42.217 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:178 Resp: 1035513
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 45.067 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

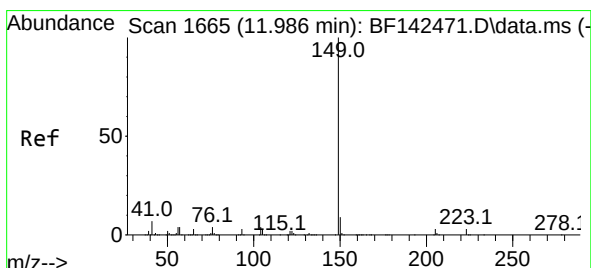
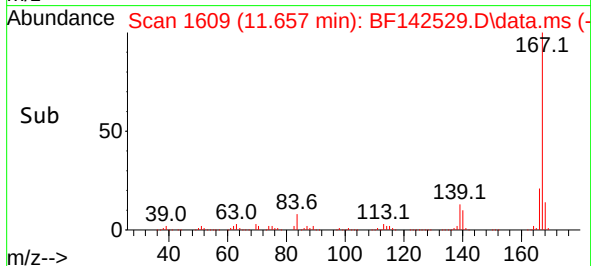
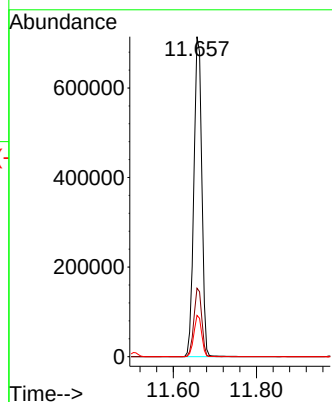
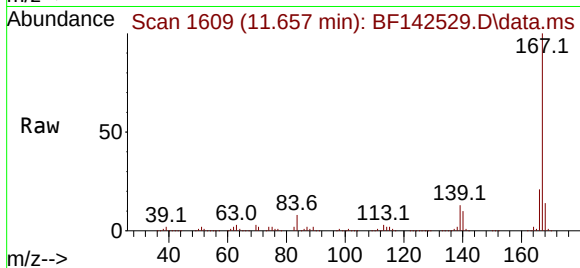
Tgt Ion:167 Resp: 945018

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 47.458 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

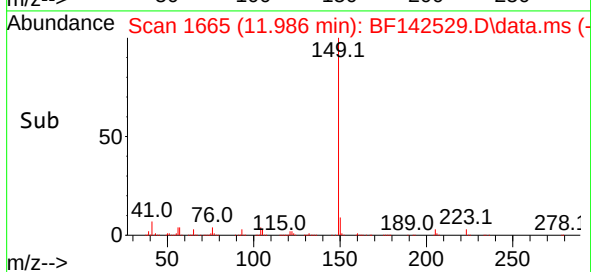
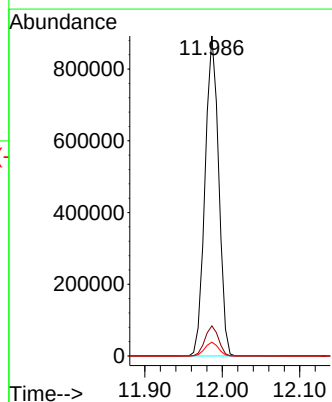
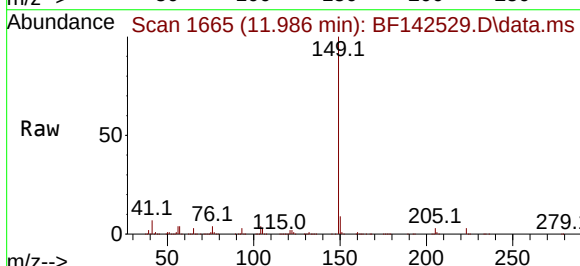
Tgt Ion:149 Resp: 1089295

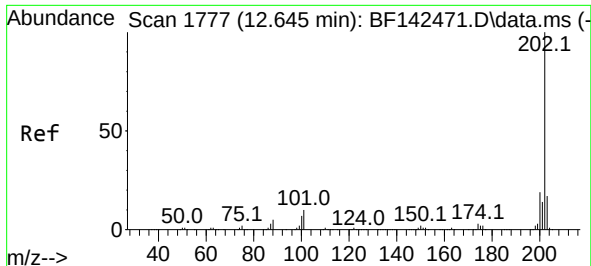
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.3 3.6 5.4

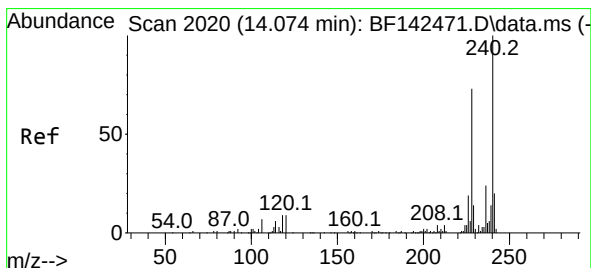
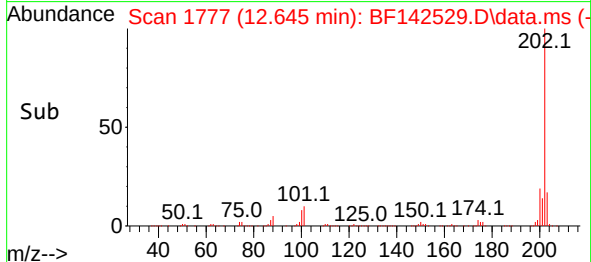
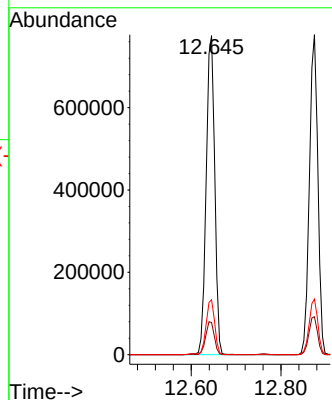
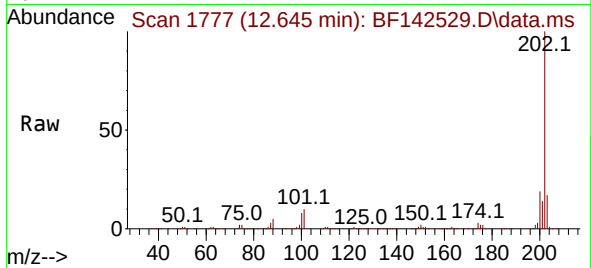




#75
Fluoranthene
Concen: 45.563 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

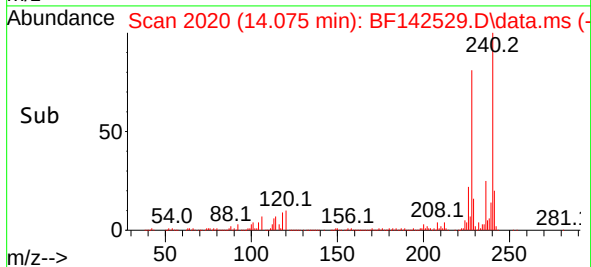
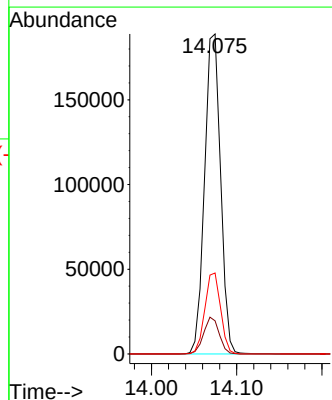
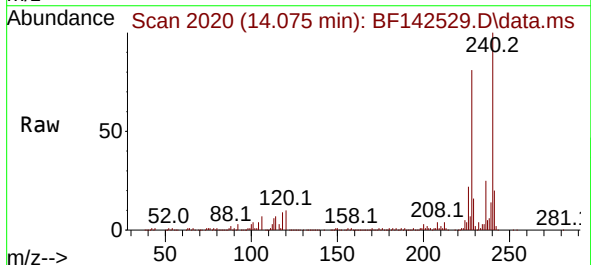
Instrument :
BNA_F
ClientSampleId :
PB168126BS

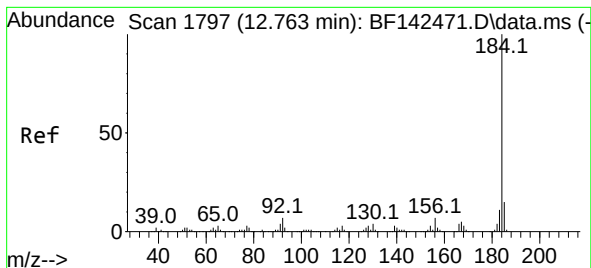
Tgt Ion:202 Resp: 1023203
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:240 Resp: 246622
Ion Ratio Lower Upper
240 100
120 10.4 7.5 11.3
236 25.3 19.6 29.4





#77

Benzidine

Concen: 43.258 ng

RT: 12.763 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

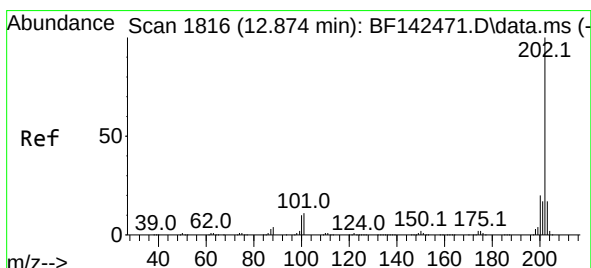
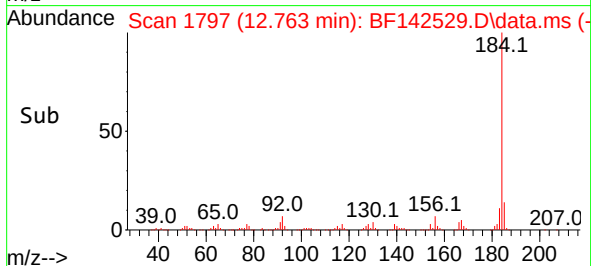
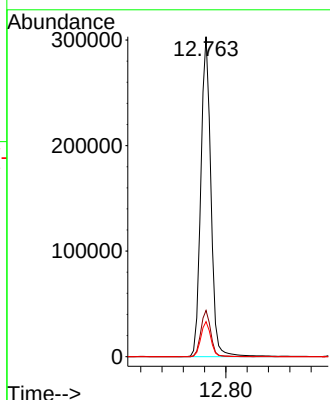
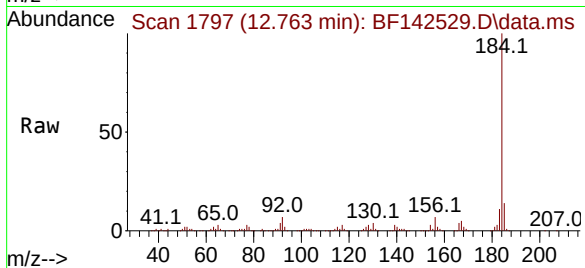
Tgt Ion:184 Resp: 396998

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 10.9 9.0 13.4



#78

Pyrene

Concen: 44.192 ng

RT: 12.875 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

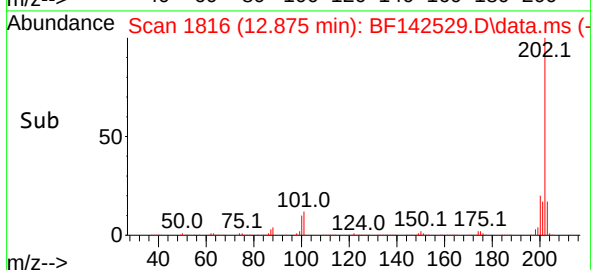
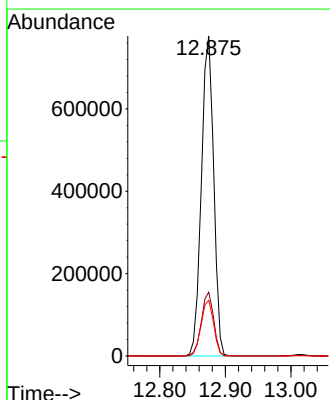
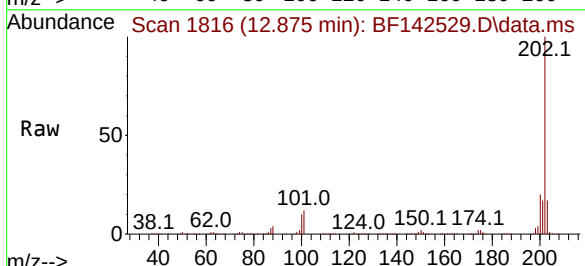
Tgt Ion:202 Resp: 1016690

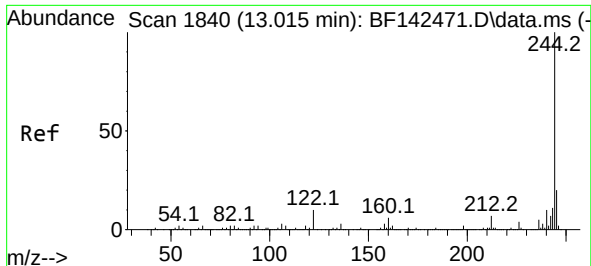
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.4 13.9 20.9

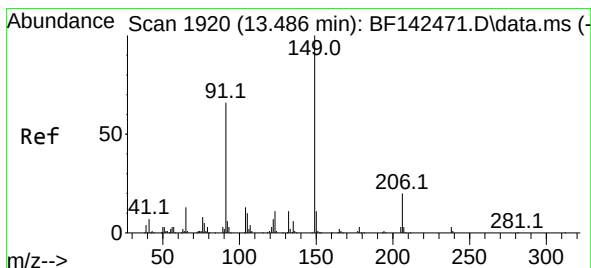
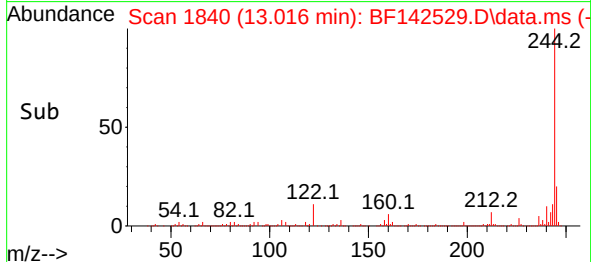
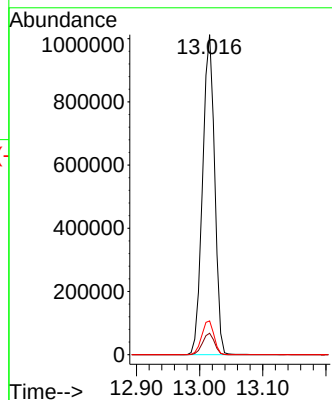
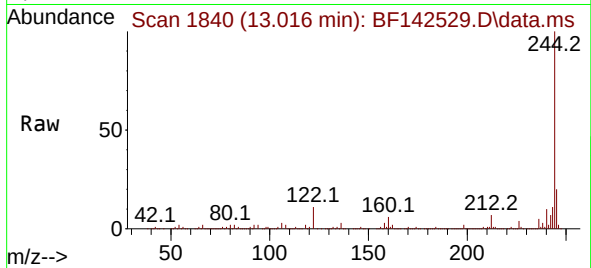




#79
 Terphenyl-d14
 Concen: 74.400 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

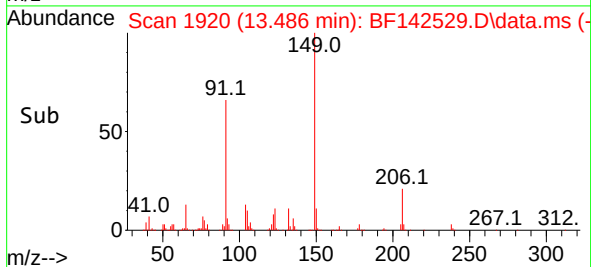
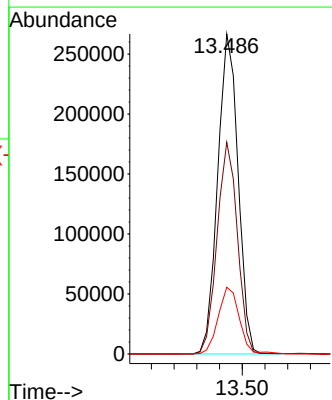
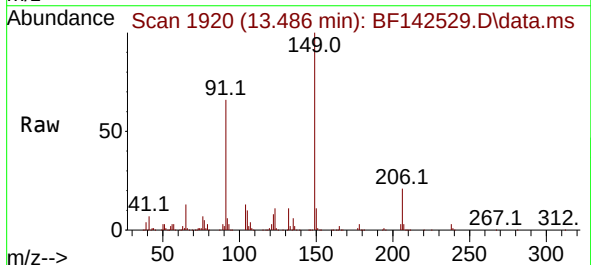
Instrument :
 BNA_F
 ClientSampleId :
 PB168126BS

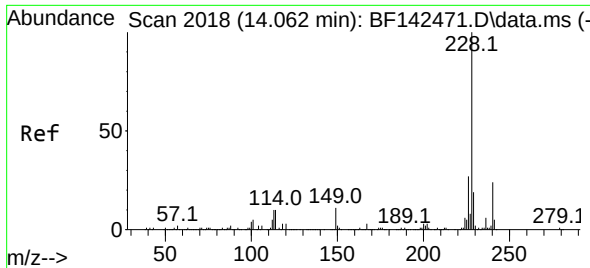
Tgt Ion:244 Resp: 1342706
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.378 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

Tgt Ion:149 Resp: 332970
 Ion Ratio Lower Upper
 149 100
 91 66.1 52.9 79.3
 206 20.8 16.2 24.2

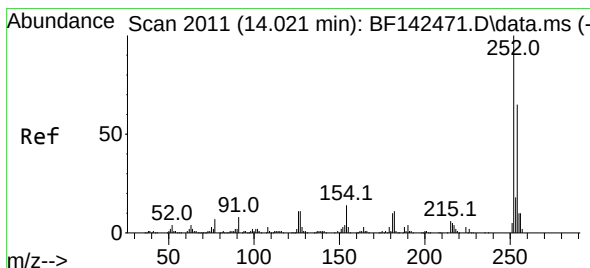
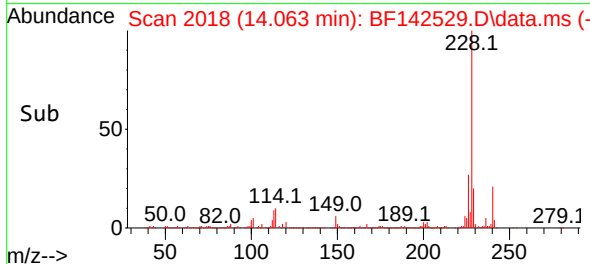
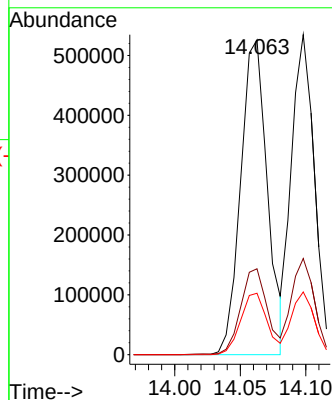
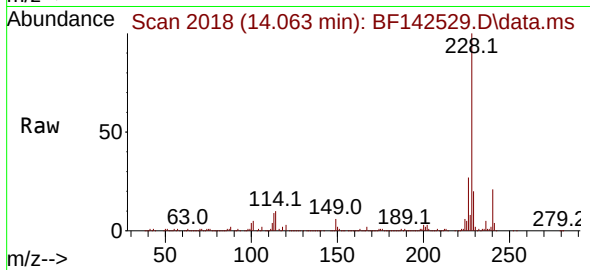




#81
Benzo(a)anthracene
Concen: 45.319 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

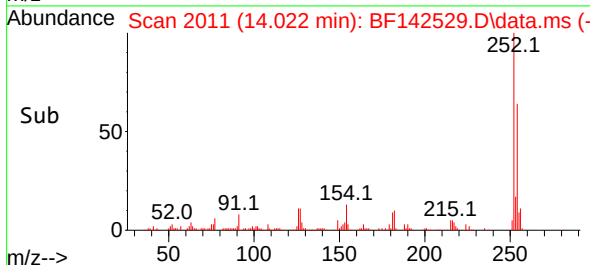
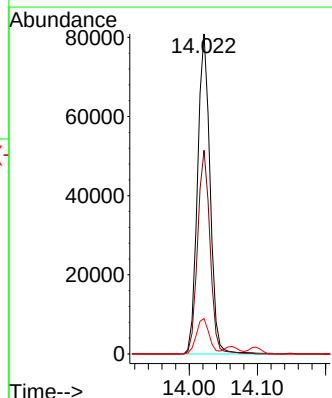
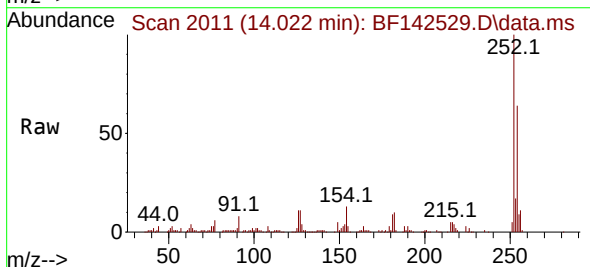
Instrument :
BNA_F
ClientSampleId :
PB168126BS

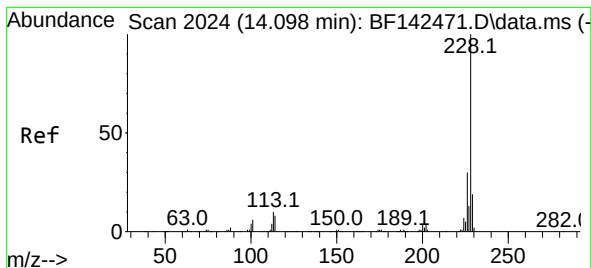
Tgt Ion:228 Resp: 746333
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 20.668 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:252 Resp: 103235
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 11.1 8.9 13.3





#83

Chrysene

Concen: 43.875 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

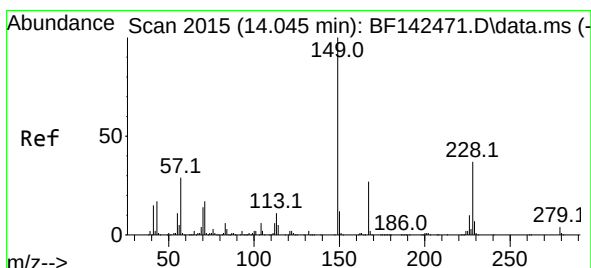
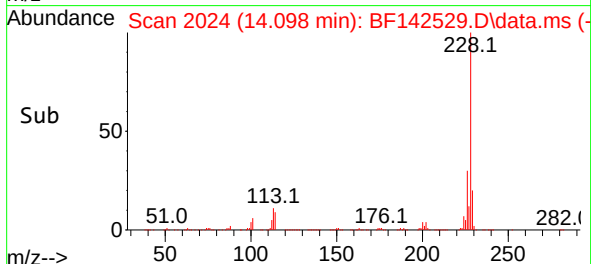
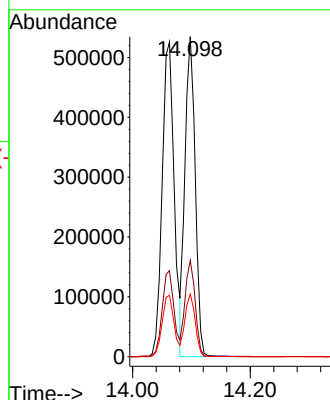
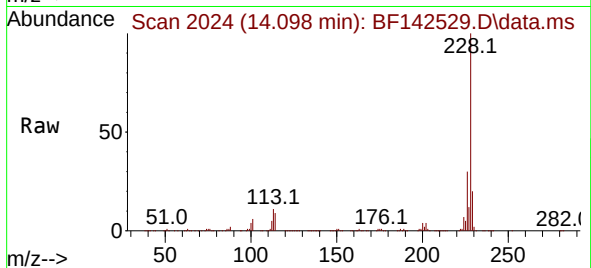
Tgt Ion:228 Resp: 649255

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.344 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

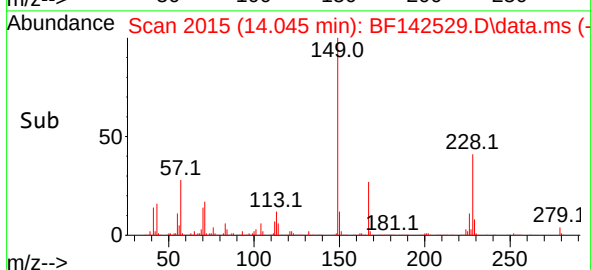
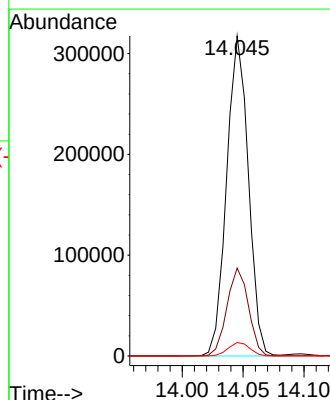
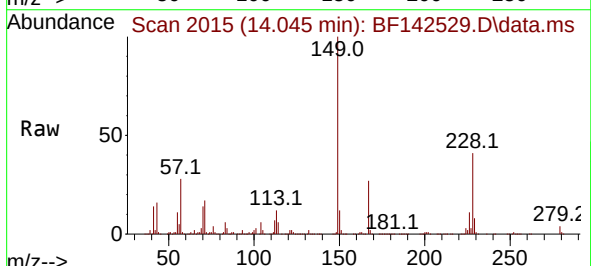
Tgt Ion:149 Resp: 393421

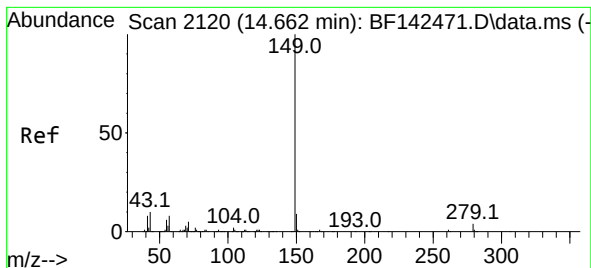
Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.891 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

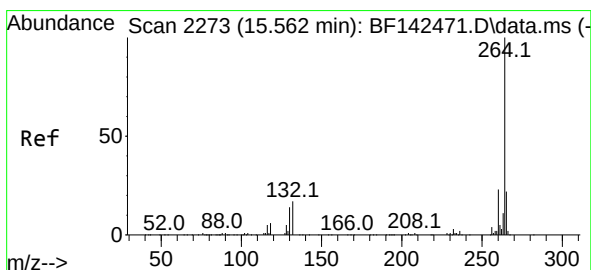
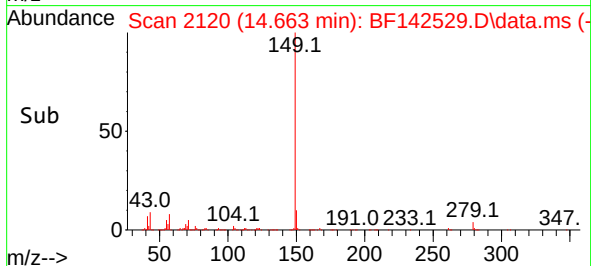
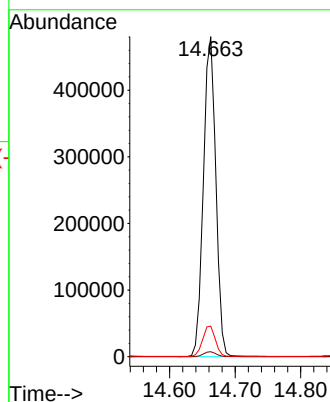
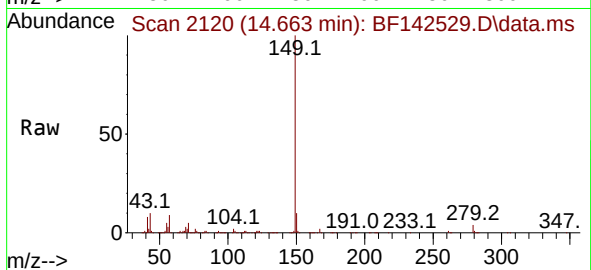
Tgt Ion:149 Resp: 634752

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

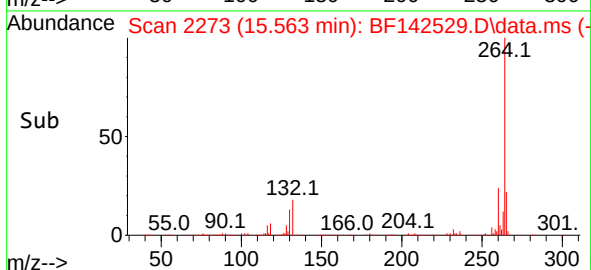
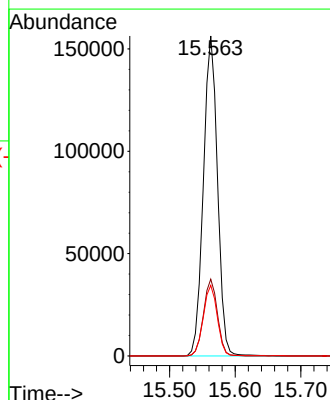
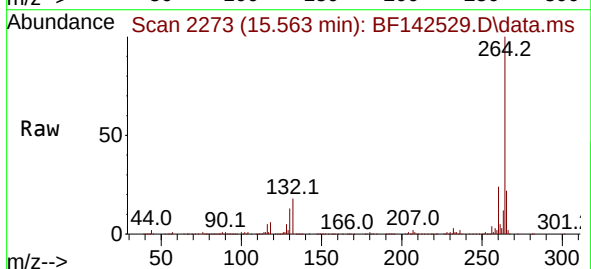
Tgt Ion:264 Resp: 234935

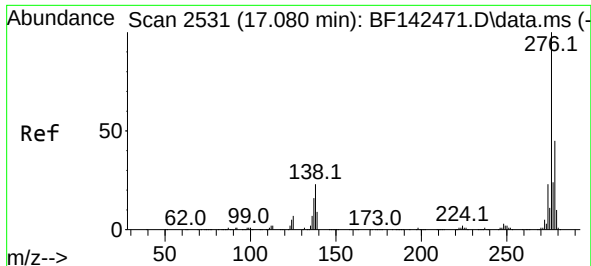
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

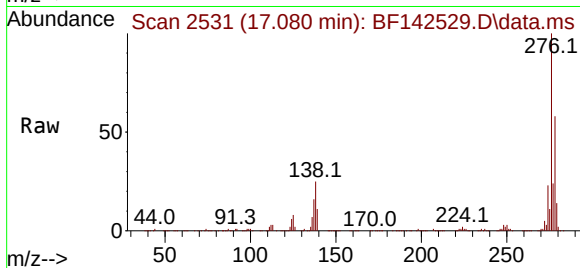
265 22.0 17.7 26.5



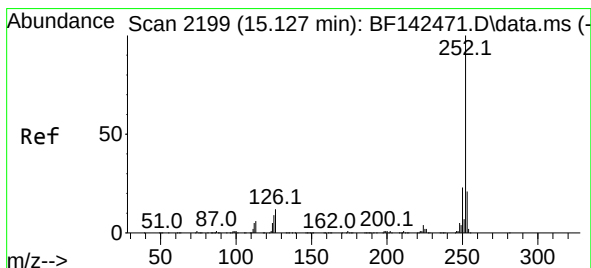
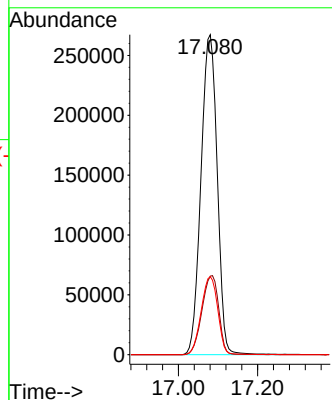
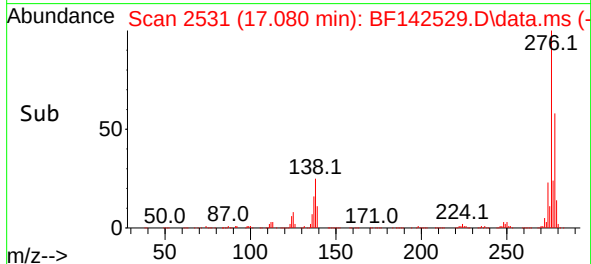


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.085 ng
RT: 17.080 min Scan# 2198
Delta R.T. -0.011 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB168126BS

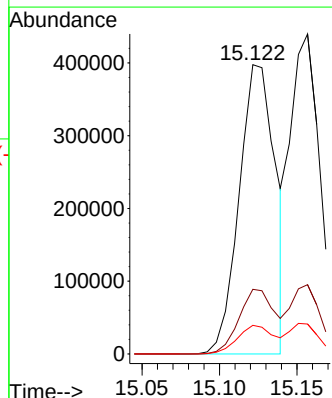
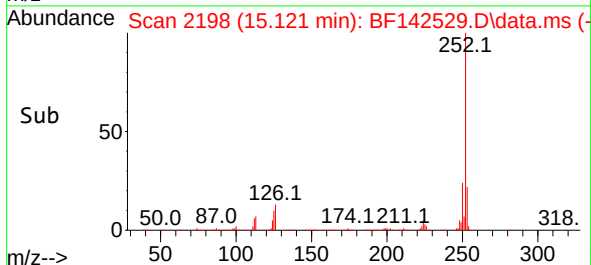
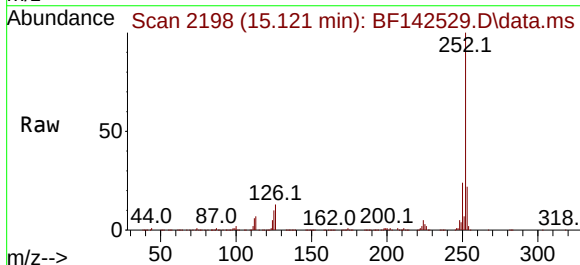


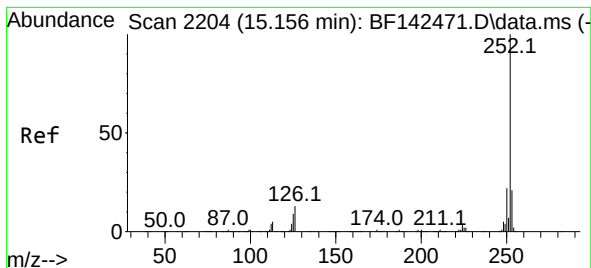
Tgt Ion:276 Resp: 759914
Ion Ratio Lower Upper
276 100
138 25.5 19.9 29.9
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.433 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142529.D
Acq: 23 May 2025 12:10

Tgt Ion:252 Resp: 645631
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.866 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB168126BS

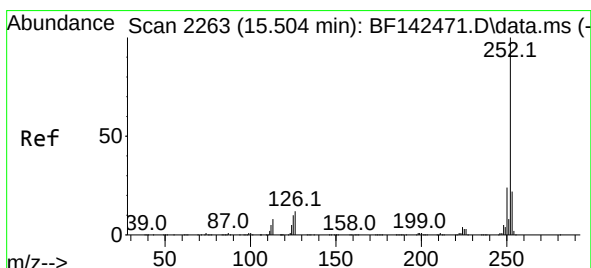
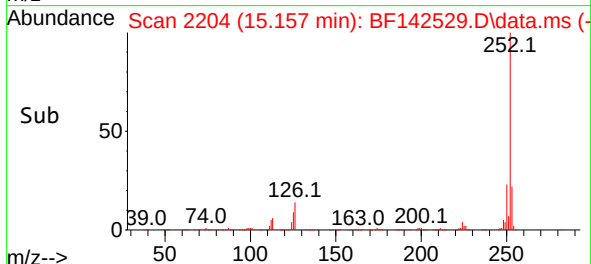
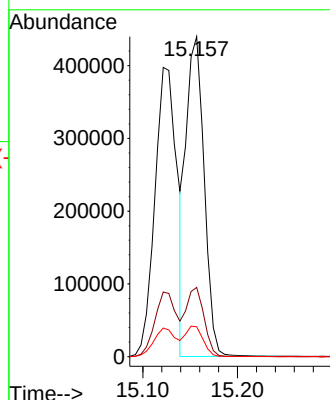
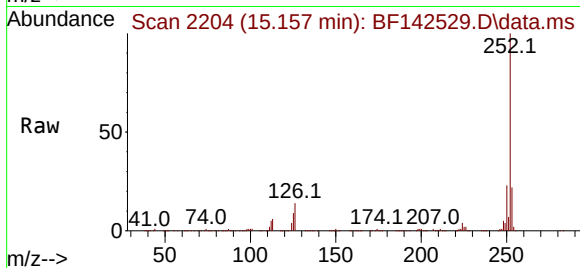
Tgt Ion:252 Resp: 584292

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 45.684 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142529.D

Acq: 23 May 2025 12:10

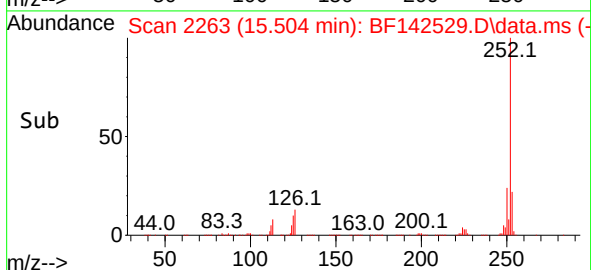
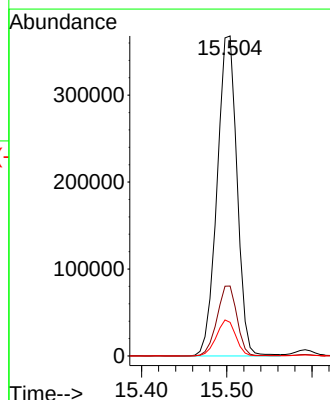
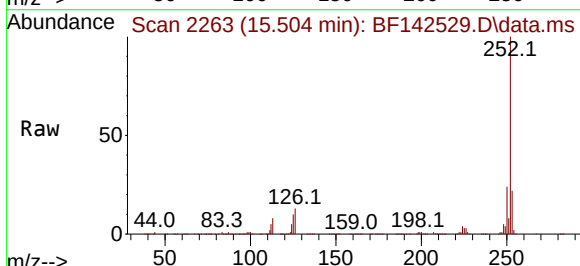
Tgt Ion:252 Resp: 598750

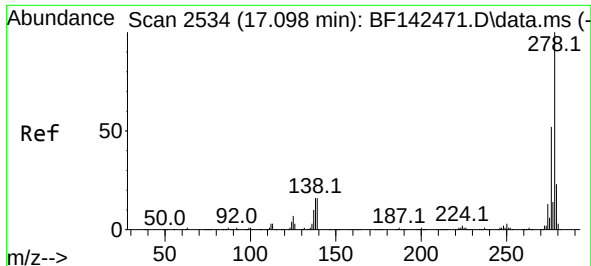
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.5 7.9 11.9

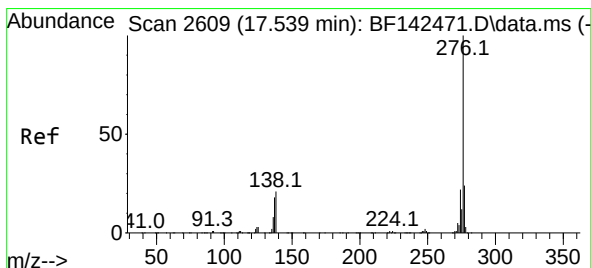
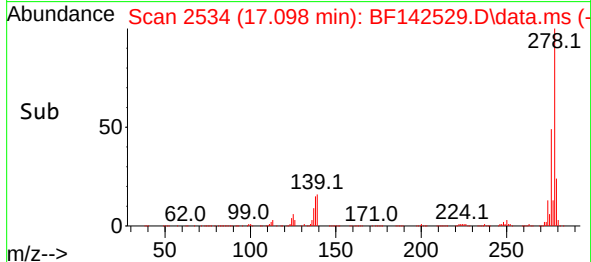
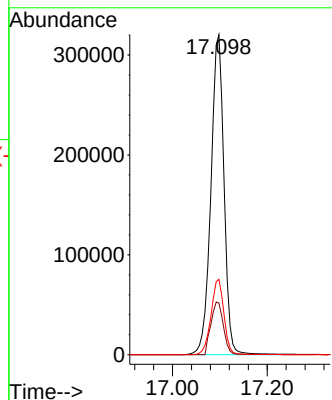
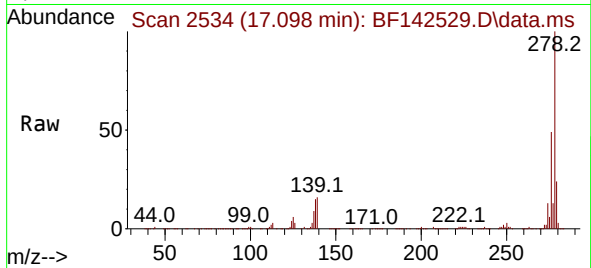




#91
 Dibenzo(a,h)anthracene
 Concen: 43.107 ng
 RT: 17.098 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB168126BS

Tgt Ion:278 Resp: 616642
 Ion Ratio Lower Upper
 278 100
 139 16.1 12.8 19.2
 279 23.6 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 43.232 ng
 RT: 17.539 min Scan# 2609
 Delta R.T. -0.017 min
 Lab File: BF142529.D
 Acq: 23 May 2025 12:10

Tgt Ion:276 Resp: 618556
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.2 28.8
 138 21.3 16.8 25.2

